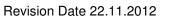


Version: 6.0	Revision [	Date 22.11.2012	Print Date 22.01.2015
CLASSIFIED AS HAZARDOUS DANGEROUS GOOD SECTION 1: Identification of t			
1.1 Product identifier			
Trade name	: ARDROX	AV 25	
1.2 Relevant identified uses of the	e substance o	r mixture and uses adv	ised against
Use of the Sub-	: Corrosion i		
stance/Mixture Recommended restrictions on use	: None know	<i>i</i> n.	
1.3 Details of the supplier of the	safety data sh	eet	
Company Contact person	17 31:	IEMETALL AUSTRALAS TURBO DRIVE 53 BAYSWATER VIC chnical Manager	IA PTY LTD
Telephone Telefax	: 03	9729 6253 (BUSINESS F 9720 1711	HOURS)
Contact person product safety Telephone E-mail address	: +4	9(0)6971652832 ds.de@chemetall.com	
1.4 Emergency telephone number	er		
Emergency telephone number	: 03	3 9720 0370 (AFTER HO	URS)
SECTION 2: Hazards identific	ation		
2.1 Classification of the substan	ce or mixture		
Classification (REGULATIO	N (EC) No 1272	2/2008)	
Flammable liquids, Category 3 Specific target organ toxicity - posure, Category 3, Central n system	single ex-	H226: Flammable liquid a H336: May cause drowsii	
Classification (67/548/EEC,	1999/45/EC)		
Flammable		R10: Flammable. R66: Repeated exposure or cracking. R67: Vapours may cause ness.	e may cause skin dryness e drowsiness and dizzi-
		1 / 13	

### **ARDROX AV 25**

Version: 6.0



Print Date 22.01.2015

Chemetall

expect more <sup>O</sup>

Labelling (REGULATION ( Hazard pictograms	· <b>^</b>	<b>^</b>
Signal word	: Warning	•
Hazard statements	: H226 H336	Flammable liquid and vapour. May cause drowsiness or dizziness.
	: EUH066	Repeated exposure may cause skin dry- ness or cracking.
Precautionary statements	: <b>Prevention:</b> P210	Koon away from best/sperie/sper
	P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
	P260	Do not breathe dust/ fume/ gas/ mist/ va-
	P262	pours/ spray. Do not get in eyes, on skin, or on clothing.
	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
	Response:	
	P303 + P361	+ P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing.
		Rinse skin with water/ shower.
	P308 + P313	IF exposed or concerned: Get medical ad- vice/ attention.
	Disposal:	vice/ allention.
	P501	Dispose of contents/ container to an approved waste disposal plant.
-	drocarbons, C9-C11	I, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Labelling according to EC		
R-phrase(s)	: R10 R66	Flammable. Repeated exposure may cause skin dry-
		ness or cracking.
	R67	Vapours may cause drowsiness and dizzi- ness.
	: S16	Keep away from sources of ignition - No





Version: 6.0	Revision Date	22.11.2012	Print Date 22.01.2015
	S23 S24/25 S36/37/39 S60	Avoid contact wit Wear suitable pro and eye/face pro	otective clothing, gloves otection. d its container must be

#### 2.3 Other hazards

The information required is contained in this Material Safety Data Sheet.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

not applicable

#### 3.2 Mixtures

Chemical nature

: Mixture of organic solvents.

#### Hazardous components

Chemical Name	CAS-No. EC-No. Registration num- ber	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	919-857-5 01-2119463258-33	R10 Xn; R65 R66 R67 Note H, Note P	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H336	>= 50 - < 65
Naphtha (petroleum), hydrotreated heavy (benzene < 0,1 %)	64742-48-9 265-150-3 01-2119463258-33	R10 Xn; R65 R66 Note H, Note P	Asp. Tox. 1; H304 Flam. Liq. 3; H226	>= 2.5 - < 10
1-Propoxypropan-2-ol	1569-01-3 216-372-4 01-2119474443-37	R10	Flam. Liq. 3; H226 Eye Irrit. 2;	>= 1 - < 2.5
		3 / 13		
				- E



Version: 6.0	Revision Date 22.11.2012	Print Date 22.01.201
	H319	9
For the full text of the H-Stater	es mentioned in this Section, see Section nents mentioned in this Section, see Se entioned in this Section, see Section 16	ection 16.
SECTION 4: First aid measure	S	
I.1 Description of first aid measu	res	
General advice	: First-aid crew: Ensure self-protection Move out of dangerous area. Take off contaminated clothing and	
If inhaled	: Move to fresh air. If symptoms persist, call a physicial	n.
In case of skin contact	: Wash off with soap and plenty of w If symptoms persist, call a physicial	
In case of eye contact	: Rinse immediately with plenty of wa Consult a physician.	ater, also under the eyelids.
If swallowed	: Rinse mouth with water. Do NOT induce vomiting. Consult a physician.	
.2 Most important symptoms an	d effects, both acute and delayed	
Symptoms	: May cause drowsiness or dizziness	5.
.3 Indication of any immediate n	nedical attention and special treatme	ent needed
Treatment	: Treat symptomatically. For specialist advice physicians she Information Service.	ould contact the Poisons
SECTION 5: Firefighting meas	ures	
5.1 Extinguishing media		
Suitable extinguishing media	: Carbon dioxide (CO2) Dry powder Alcohol-resistant foam Water spray	
Unsuitable extinguishing media 5.2 Special hazards arising from	: High volume water jet	
Specific hazards during fire-	: May form toxic gases on heating or	in case of fire
Specific frazarus duffrig fire-	4 / 13	
		- [



Special protective equipment for firefighters Further information       : In the event of fire, wear self-contained breathing apparatus.         SECTION 6: Accidental release measures       : Use water spray to cool unopened containers.         SECTION 6: Accidental release measures       : Wear personal procedures         Personal precautions, protective equipment and emergency procedures         Personal precautions       : Wear personal protective equipment.         6.2 Environmental precautions       : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up       : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections       See chapter 8 and 13	Carbon dioxide (CO2) 5.3 Advice for firefighters Special protective equipment i In the event of fire, wear self-contained breathing apparatus. for firefighters Further information i Use water spray to cool unopened containers. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures Personal precautions i Wear personal protective equipment. 6.2 Environmental precautions Environmental precautions i Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. 6.3 Methods and materials for containment and cleaning up Methods for cleaning up Methods for cleaning up Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). 6.4 Reference to other sections See chapter 8 and 13 SECTION 7: Handling and storage 7.1 Precautions for safe handling Advice on protection against if e and explosion if e and explosion if e and explosion Conditional precautionary measures of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air. 7.2 Conditions for safe storage, including any incompatibilities Requirements for storage areas and containers i Keep containers lightly closed in a dry, cool and well- wentilated place. Stora in a place accessible by authorized persons only. Protect form direct sunlight. Storage temperature S-35 °C	Version: 6.0		Revision Date 22.11.2012	Print Date 22.01.2015
Special protective equipment for firefighters       : In the event of fire, wear self-contained breathing apparatus.         Further information       : Use water spray to cool unopened containers.         SECTION 6: Accidental release measures       6.1 Personal precautions, protective equipment and emergency procedures         Personal precautions       : Wear personal protective equipment.         6.2 Environmental precautions       : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up       : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections       : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         7.1 Precautions for safe handling       : Reep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities         Requirements for storage areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 °C       : 5/13	Special protective equipment for firefighters Further information       : In the event of fire, wear self-contained breathing apparatus.         Further information       : Use water spray to cool unopened containers.         SECTION 6: Accidental release measures         6.1 Personal precautions, protective equipment and emergency procedures Personal precautions         Environmental precautions       : Wear personal protective equipment.         6.3 Methods and materials for containment and cleaning up Methods for cleaning up       : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections See chapter 8 and 13       : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place. Advice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.1 Conditions for safe storage, including any incompatibilities reas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         55/18       : Storage temperature       : 5 - 35 °C	fighting			
for frietighters       Further information       : Use water spray to cool unopened containers.         SECTION 6: Accidental release measures         6.1 Personal precautions, protective equipment and emergency procedures         Personal precautions       : Wear personal protective equipment.         6.2 Environmental precautions       : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up       Methods for cleaning up         Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections       See chapter 8 and 13         SECTION 7: Handling and storage       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.1 Conditions for safe storage, including any incompatibilities       : Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight. Storage temperature       : Kers 35 °C	for firefighters       Further information       : Use water spray to cool unopened containers.         SECTION 6: Accidental release measures         6.1 Personal precautions, protective equipment and emergency procedures         Personal precautions       : Wear personal protective equipment.         6.2 Environmental precautions       : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up       Methods for cleaning up         Methods for cleaning up       : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections       See chapter 8 and 13         SECTION 7: Handling and storage       : Provide sufficient air exchange and/or exhaust in work place. Have eye wash bottle or eye rinse ready at the work place. Movice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for proventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.4 Conditions for safe storage, including any incompatibilities         Requirements for storage areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Storage temperature         Storage temperature       : 5 - 35 °C	5.3 Advice for firefighters			
Further information       : Use water spray to cool unopened containers.         SECTION 6: Accidental release measures         6.1 Personal precautions, protective equipment and emergency procedures Personal precautions         Personal precautions       : Wear personal protective equipment.         6.2 Environmental precautions       : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up Methods for cleaning up       : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculte) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections See chapter 8 and 13       SectrION 7: Handling and storage         7.1 Precautions for safe handling fire and explosion       : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities Requirements for storage areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight. Storage temperature       : 5.35 °C	Further information       : Use water spray to cool unopened containers.         SECTION 6: Accidental release measures         6.1 Personal precautions, protective equipment and emergency procedures         Personal precautions       : Wear personal protective equipment.         6.2 Environmental precautions       : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up       Methods for cleaning up         Methods for cleaning up       : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections       See chapter 8 and 13         SECTION 7: Handling and storage       : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.4 Conditions for safe storage, including any incompatibilities       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 °C       : 5/13		:	In the event of fire, wear self-contain	ned breathing apparatus.
<ul> <li>6.1 Personal precautions, protective equipment and emergency procedures</li> <li>Personal precautions : Wear personal protective equipment.</li> <li>6.2 Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.</li> <li>6.3 Methods and materials for containment and cleaning up</li> <li>Methods for cleaning up : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).</li> <li>6.4 Reference to other sections</li> <li>See chapter 8 and 13</li> <li>SECTION 7: Handling and storage</li> <li>7.1 Precautions for safe handling : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place. Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.</li> <li>7.4 Conditions for safe storage, including any incompatibilities</li> <li>Requirements for storage areas and containers is the place. Store in a place accessible by authorized persons only. Protect from direct sunlight.</li> <li>Storage temperature : 5 - 35 °C</li> </ul>	6.1 Personal precautions, protective equipment and emergency procedures         Personal precautions       : Wear personal protective equipment.         6.2 Environmental precautions       : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up       Methods for cleaning up         Methods for cleaning up       : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections         See chapter 8 and 13         SECTION 7: Handling and storage         7.1 Precautions for safe handling fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 °C	Further information	:	Use water spray to cool unopened c	containers.
Personal precautions       : Wear personal protective equipment.         6.2 Environmental precautions       : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up Methods for cleaning up       : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections See chapter 8 and 13         SECTION 7: Handling and storage         7.1 Precautions for safe handling         Advice on safe handling         Yere eye wash bottle or eye rinse ready at the work place. Have eye wash bottle or eye rinse ready at the work place. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities Requirements for storage areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight. Storage temperature         Storage temperature       : 5 - 35 °C	Personal precautions       : Wear personal protective equipment.         6.2 Environmental precautions       : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up       : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections         See chapter 8 and 13         SECTION 7: Handling and storage         7.1 Precautions for safe handling         Advice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities         Requirements for storage areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 °C	SECTION 6: Accidental relea	se r	neasures	
6.2 Environmental precautions       Environmental precautions       Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up       Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections       See chapter 8 and 13         SECTION 7: Handling and storage         Advice on safe handling       Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.4 Conditions for safe storage, including any incompatibilities       Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       5 - 35 °C	<ul> <li>6.2 Environmental precautions <ul> <li>Environmental precautions</li> <li>Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.</li> </ul> </li> <li>6.3 Methods and materials for containment and cleaning up <ul> <li>Methods for cleaning up</li> <li>Ensure adequate ventilation.</li> <li>Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).</li> </ul> </li> <li>6.4 Reference to other sections <ul> <li>See chapter 8 and 13</li> </ul> </li> <li>SECTION 7: Handling and storage</li> <li>Advice on safe handling <ul> <li>Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.</li> <li>Advice on protection against fire and explosion</li> <li>Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.</li> </ul> </li> <li>7.4 Conditions for safe storage, including any incompatibilities <ul> <li>Requirements for storage</li> <li>Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.</li> <li>Storage temperature</li> <li>5 - 35 °C</li> </ul> </li> </ul>	6.1 Personal precautions, prote	ctive	e equipment and emergency proce	dures
Environmental precautions       Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up Methods for cleaning up       Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections See chapter 8 and 13       SECTION 7: Handling and storage         7.1 Precautions for safe handling       Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures gainst static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities areas and containers       Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       5 - 35 °C	Environmental precautions <ul> <li>Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.</li> </ul> 6.3 Methods and materials for containment and cleaning up Methods for cleaning up <ul> <li>Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).</li> </ul> 6.4 Reference to other sections See chapter 8 and 13         SECTION 7: Handling and storage         7.1 Precautions for safe handling         Advice on safe handling         Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities         Requirements for storage areas and containers       Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature          5 - 35 °C	Personal precautions	:	Wear personal protective equipment	t.
Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up         Methods for cleaning up       Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections See chapter 8 and 13         SECTION 7: Handling and storage         7.1 Precautions for safe handling Advice on safe handling         Advice on protection against fire and explosion       Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage areas and containers       Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight. Storage temperature         Storage temperature       5 - 35 ℃	Avoid subsoil penetration.         6.3 Methods and materials for containment and cleaning up         Methods for cleaning up       Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections See chapter 8 and 13         SECTION 7: Handling and storage         7.1 Precautions for safe handling         Advice on safe handling         Yee ye wash bottle or eye rinse ready at the work place. Have eye wash bottle or eye rinse ready at the work place. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage areas and containers areas and containers       : Keep containers tightly closed in a dry, cool and well- vertilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 °C	6.2 Environmental precautions			
Methods for cleaning up       : Ensure adequate vertilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections See chapter 8 and 13         SECTION 7: Handling and storage         7.1 Precautions for safe handling Advice on safe handling       : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 °C	Methods for cleaning up       : Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).         6.4 Reference to other sections See chapter 8 and 13         SECTION 7: Handling and storage         7.1 Precautions for safe handling         Advice on safe handling       : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 °C	Environmental precautions	:		nitary sewer system.
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). 6.4 Reference to other sections See chapter 8 and 13 SECTION 7: Handling and storage 7.1 Precautions for safe handling Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place. Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air. 7.2 Conditions for safe storage, including any incompatibilities Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight. Storage temperature : 5 - 35 °C	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). 6.4 Reference to other sections See chapter 8 and 13 SECTION 7: Handling and storage 7.1 Precautions for safe handling Advice on safe handling Advice on protection against fire and explosion 7.2 Conditions for safe storage, including any incompatibilities Requirements for storage areas and containers Storage temperature $5 - 35 ^{\circ}$	6.3 Methods and materials for c	onta	inment and cleaning up	
See chapter 8 and 13         SECTION 7: Handling and storage         7.1 Precautions for safe handling         Advice on safe handling       : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 ℃	See chapter 8 and 13         SECTION 7: Handling and storage         7.1 Precautions for safe handling         Advice on safe handling       : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 °C         5/13	Methods for cleaning up	:	Contain spillage, soak up with non-comaterial, (e.g. sand, earth, diatomac and transfer to a container for dispos	ceous earth, vermiculite) sal according to local /
SECTION 7: Handling and storage         7.1 Precautions for safe handling <ul> <li>Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.</li> <li>Advice on protection against fire and explosion</li> <li>Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.</li> </ul> 7.2 Conditions for safe storage areas and containers <ul> <li>Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.</li> </ul> Storage temperature <ul> <li>5 - 35 °C</li> <li>5 / 13</li> </ul>	SECTION 7: Handling and storage         7.1 Precautions for safe handling         Advice on safe handling       Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage areas and containers       Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       5 - 35 °C	6.4 Reference to other sections			
7.1 Precautions for safe handling       Advice on safe handling       Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities       Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       the source is 5 - 35 ℃	7.1 Precautions for safe handling       Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities       Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       the source is 5 - 35 ℃	See chapter 8 and 13			
Advice on safe handling       : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 ℃	Advice on safe handling       : Provide sufficient air exchange and/or exhaust in work rooms. Have eye wash bottle or eye rinse ready at the work place.         Advice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 ℃	SECTION 7: Handling and sto	oraç	je	
Advice on protection against fire and explosion       :       Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities         Requirements for storage areas and containers       :       Keep containers tightly closed in a dry, cool and wellventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       :       5 - 35 °C	Advice on protection against fire and explosion       : Keep away from sources of ignition - No smoking. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities         Requirements for storage areas and containers       : Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 ℃	7.1 Precautions for safe handlin	g		
fire and explosion       Normal measures for preventive fire protection.         Take precautionary measures against static discharges.         Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities         Requirements for storage areas and containers       : Keep containers tightly closed in a dry, cool and well-ventilated place.         Storage temperature       : 5 - 35 ℃         5 / 13	fire and explosion       Normal measures for preventive fire protection. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.         7.2 Conditions for safe storage, including any incompatibilities         Requirements for storage areas and containers       : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 ℃         5 / 13	Advice on safe handling	:		
Requirements for storage areas and containers       : Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 °C         5 / 13	Requirements for storage areas and containers       : Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 °C         5 / 13		:	Normal measures for preventive fire Take precautionary measures again	protection. Ist static discharges.
areas and containers       ventilated place. Store in a place accessible by authorized persons only. Protect from direct sunlight.         Storage temperature       : 5 - 35 ℃         5 / 13	areas and containers       ventilated place.         Store in a place accessible by authorized persons only.         Protect from direct sunlight.         Storage temperature       : 5 - 35 °C         5 / 13	7.2 Conditions for safe storage,	inc	uding any incompatibilities	
5 / 13	5 / 13		:	ventilated place. Store in a place accessible by author	
		Storage temperature	:	5 - 35 ℃	
	-			5 / 13	



/ersion: 6.0	Revis	sion Date 22.11.2012	Print Date 22.01.201
.3 Specific end uses	2		
Specific use(s)	: Corros	sion inhibitor	
ECTION 8: Exposure control	s/person	al protection	
.1 Control parameters			
Contains no substances with o	cupation	al exposure limit values.	
DNEL/DMEL Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics	Expos Potent	lse: DNEL, Workers sure routes: Skin contact tial health effects: Long-term sy : 208 mg/kg bw/d	ystemic effects
	Expos Potent	lse: DNEL, Workers sure routes: Inhalation tial health effects: Long-term s : 871 mg/m3	ystemic effects
1-Propoxypropan-2-ol	Expos Potent	lse: DNEL, Industrial use, Work sure routes: Skin contact tial health effects: Long-term sy : 9 mg/kg bw/d	
	Expos	Jse: DNEL, Industrial use, Work sure routes: Inhalation : 217 mg/m3	kers
PNEC 1-Propoxypropan-2-ol	: Fresh Value:	water : 0.1 mg/l	
		e water : 0.01 mg/l	
		water sediment : 0.386 mg/kg dry weight (d.w.	.)
		e sediment : 0.0386 mg/kg dry weight (d.w	N.)
	Soil Value:	: 0.0185 mg/kg	
.2 Exposure controls			

Version: 6.0



Revision Date 22.11.2012

Print Date 22.01.2015

#### Engineering measures

Ensure adequate ventilation, especially in confined areas. Electrical equipment should be protected to the appropriate standard. Use only explosion-proof equipment.

#### Personal protective equipment

Respiratory protection	<ul> <li>In case of insufficient ventilation wear suitable respiratory equipment.</li> <li>Recommended Filter type: A-P2</li> </ul>
Hand protection	<ul> <li>Nitrile rubber butyl-rubber Protective gloves complying with EN 374.</li> <li>Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local condi- tions under which the product is used, such as the danger of cuts, abrasion, and the contact time.</li> </ul>
Eye protection	: Eye protection (EN 166) Tightly fitting safety goggles
Skin and body protection	: Chemical resistant protective clothing according to DIN EN 13034 (Type 6)
Hygiene measures	<ul> <li>Take off contaminated clothing and shoes immediately. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and immediately after handling the product. Avoid contact with skin and eyes. Do not breathe vapour. Do not breathe spray.</li> </ul>
Environmental exposure	controls
General advice	: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
SECTION 9: Physical and o	hemical properties
9.1 Information on basic phys	ical and chemical properties
Appearance	: liquid
Colour	: beige
Flash point	: 40 °C
Ignition temperature	: >200 °C

7/13



		Revision Date 22.11.2012	Print Date 22.01.201
Boiling point/boiling range	:	> 150 ℃	
Density	:	0.82 g/cm3 at 23 <i>°</i> C	
Water solubility	:	insoluble	
Viscosity, kinematic	:	37.5 mm2/S at 40 ℃	
9.2 Other information			
Explosivity	:	Vapours may form explosive mixture with a	ir.
Directive 1999/13/EC on the limitation of emissions of vol- atile organic compounds	:	Value: 508 g/l	
No dangerous reaction known	i un	der conditions of normal use.	
<b>10.2 Chemical stability</b> Stable under normal condition	IS.		
Stable under normal condition		ons	
-	acti	ons None known.	
Stable under normal condition 10.3 Possibility of hazardous rea	acti		
Stable under normal condition 10.3 Possibility of hazardous rea Hazardous reactions	actio :		
Stable under normal condition 10.3 Possibility of hazardous rea Hazardous reactions 10.4 Conditions to avoid Conditions to avoid	actio :	None known. To avoid thermal decomposition, do not ove Keep away from open flames, hot surfaces	
Stable under normal condition 10.3 Possibility of hazardous rea Hazardous reactions 10.4 Conditions to avoid	ictio :	None known. To avoid thermal decomposition, do not ove Keep away from open flames, hot surfaces	
Stable under normal condition 10.3 Possibility of hazardous rea Hazardous reactions 10.4 Conditions to avoid Conditions to avoid 10.5 Incompatible materials Materials to avoid	actio : :	None known. To avoid thermal decomposition, do not ove Keep away from open flames, hot surfaces ignition. Strong oxidizing agents	
Stable under normal condition 10.3 Possibility of hazardous rea Hazardous reactions 10.4 Conditions to avoid Conditions to avoid 10.5 Incompatible materials	acti : : : :	None known. To avoid thermal decomposition, do not ove Keep away from open flames, hot surfaces ignition. Strong oxidizing agents	and sources of
Stable under normal condition 10.3 Possibility of hazardous rea Hazardous reactions 10.4 Conditions to avoid Conditions to avoid 10.5 Incompatible materials Materials to avoid 10.6 Hazardous decomposition p	acti : : : :	None known. To avoid thermal decomposition, do not over Keep away from open flames, hot surfaces ignition. Strong oxidizing agents	and sources of
Stable under normal condition 10.3 Possibility of hazardous rea Hazardous reactions 10.4 Conditions to avoid Conditions to avoid 10.5 Incompatible materials Materials to avoid 10.6 Hazardous decomposition p	acti : : : :	None known. To avoid thermal decomposition, do not over Keep away from open flames, hot surfaces ignition. Strong oxidizing agents	and sources of

Version: 6.0



Revision Date 22.11.2012

Print Date 22.01.2015

Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, c 2% aromaticsLD50: > 5,000 mg/kg Species: rat Method: OECD Test Guideline 401Naphtha (petroleum), hy- trotreated heavy (benzene < 0,1 %): LD50: > 15,000 mg/kg Species: ratN-1 %): LD50: > 15,000 mg/kg Species: rat-Propoxypropan-2-ol: LD50: > 5,000 mg/kg Species: ratAcute dermal toxicity Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, c 2% aromatics: LD50: > 5,000 mg/kg Species: ratAcute dermal toxicity Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, alkanes, isoalkanes, cyclics, (alkanes, isoalkanes, cyclics, (betroteum), hy- : LD50: > 3,160 mg/kg Species: rabbitAcute dermal toxicity Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, (alkanes, isoalkanes, cyclics, (betroteum), hy- : LD50: > 3,160 mg/kg Species: rabbitAcute dermal toxicity Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, (betroteum), hy- : LD50: > 3,160 mg/kg Species: rabbitAcute dermal toxicity Hydrocarbons, C9-C11, n- (betroteum), hy- : LD50: > 3,160 mg/kg Species: rabbitNaphtha (petroleum), hy- : LD50: 3,600 - 4,500 mg/kg Species: rabbitSkin corrosion/irritationSkin irritationSkin irritationSkin irritationSterious eye damage/eye irritation Eye irritationSepeiratory or skin sensitization SensitisationSensitisationSensitisationSensitisation	Acute oral toxicity Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, a 2% aromatics: LD50: > 5,000 mg/kg Species: rat Method: OECD Test Guideline 401Vaphta (petroleum), hy- drotreated heavy (benzene < j. 1 %): LD50: > 15,000 mg/kg Species: ratVaphta (petroleum), hy- drotreated heavy (benzene < j. 1 %): LD50: > 15,000 mg/kg Species: ratVaphta (petroleum), hy- drotreated heavy (benzene < species: rat: LD50: > 0,000 mg/kg Species: ratVaphta (petroleum), hy- drotreated heavy (benzene < serious s, C9-C11, n- alkanes, isoalkanes, cyclics, series: rabbit Method: OECD Test Guideline 402Vaphta (petroleum), hy- drotreated heavy (benzene < 0,1 %): LD50: > 3,160 mg/kg Species: rabbitVaphta (petroleum), hy- drotreated heavy (benzene < 0,1 %): LD50: > 3,160 mg/kg Species: rabbitSkin corrosion/irritation Skin irritation: May cause skin irritation in susceptible persons.Serious eye damage/eye irritation Eye irritation: May cause eye irritation with susceptible persons.Respiratory or skin sensitization	formation on toxicological	effects
Available definition of the second s	Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics	cute toxicity	
0,1 %)       1-Propoxypropan-2-ol       : LD50: 2,000 - 4,350 mg/kg         Acute dermal toxicity       Hydrocarbons, C9-C11, n-       : LD50: > 5,000 mg/kg         Alkanes, isoalkanes, cyclics,       Species: rabbit         < 2% aromatics       Method: OECD Test Guideline 402         Naphtha (petroleum), hy-       : LD50: > 3,160 mg/kg         drotreated heavy (benzene <       Species: rabbit         0,1 %)       : LD50: 3,600 - 4,500 mg/kg         1-Propoxypropan-2-ol       : LD50: 3,600 - 4,500 mg/kg         Shin corrosion/irritation       Skin irritation in susceptible persons.         Serious eye damage/eye irritation       : May cause skin irritation in susceptible persons.         Serious eye damage/eye irritation       : May cause eye irritation with susceptible persons.         Respiratory or skin sensitization       : no data available	drotreated heavy (benzene <       Species: rat         0,1 %)       1-Propoxypropan-2-ol       : LD50: 2,000 - 4,350 mg/kg         1-Propoxypropan-2-ol       : LD50: > 5,000 mg/kg         Acute dermal toxicity	ydrocarbons, C9-C11, n- kanes, isoalkanes, cyclics,	Species: rat
1-Propoxypropan-2-ol       : LD50: 2,000 - 4,350 mg/kg Species: rat         Acute dermal toxicity Hydrocarbons, C9-C11, n-       : LD50: > 5,000 mg/kg Species: rabbit 	1-Propoxypropan-2-ol       : LD50: 2,000 - 4,350 mg/kg         Acute dermal toxicity	otreated heavy (benzene <	
< 2% aromatics	Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromaticsLD50: > 5,000 mg/kg Species: rabbit Method: OECD Test Guideline 402Naphtha (petroleum), hy- drotreated heavy (benzene < 0,1 %): LD50: > 3,160 mg/kg Species: rabbit1-Propoxypropan-2-ol: LD50: 3,600 - 4,500 mg/kg Species: rabbitSkin corrosion/irritation: May cause skin irritation in susceptible persons.Serious eye damage/eye irritation: May cause eye irritation with susceptible persons.Eye irritation: May cause eye irritation with susceptible persons.Respiratory or skin sensitization		
drotreated heavy (benzene <	drotreated heavy (benzene <	ydrocarbons, C9-C11, n- kanes, isoalkanes, cyclics,	Species: rabbit
1-Propoxypropan-2-ol       : LD50: 3,600 - 4,500 mg/kg         Skin corrosion/irritation       : May cause skin irritation in susceptible persons.         Skin irritation       : May cause skin irritation in susceptible persons.         Serious eye damage/eye irritation       : May cause eye irritation with susceptible persons.         Eye irritation       : May cause eye irritation with susceptible persons.         Respiratory or skin sensitization       : no data available	1-Propoxypropan-2-ol       : LD50: 3,600 - 4,500 mg/kg Species: rabbit         Skin corrosion/irritation       : May cause skin irritation in susceptible persons.         Serious eye damage/eye irritation       : May cause eye irritation with susceptible persons.         Eye irritation       : May cause eye irritation with susceptible persons.         Respiratory or skin sensitization       : May cause eye irritation with susceptible persons.	otreated heavy (benzene <	
Skin irritation       : May cause skin irritation in susceptible persons.         Serious eye damage/eye irritation         Eye irritation       : May cause eye irritation with susceptible persons.         Respiratory or skin sensitization         Sensitisation       : no data available	Skin irritation       : May cause skin irritation in susceptible persons.         Serious eye damage/eye irritation         Eye irritation       : May cause eye irritation with susceptible persons.         Respiratory or skin sensitization		
Serious eye damage/eye irritation         Eye irritation       : May cause eye irritation with susceptible persons.         Respiratory or skin sensitization         Sensitisation       : no data available	Serious eye damage/eye irritation         Eye irritation       : May cause eye irritation with susceptible persons.         Respiratory or skin sensitization	kin corrosion/irritation	
Eye irritation       : May cause eye irritation with susceptible persons.         Respiratory or skin sensitization         Sensitisation       : no data available	Eye irritation       : May cause eye irritation with susceptible persons.         Respiratory or skin sensitization	kin irritation	: May cause skin irritation in susceptible persons.
Respiratory or skin sensitization         Sensitisation         : no data available	Respiratory or skin sensitization	erious eye damage/eye irrita	ation
Sensitisation : no data available		e irritation	: May cause eye irritation with susceptible persons.
	Sensitisation : no data available	espiratory or skin sensitizat	ion
Neurological effects : May cause drowsiness or dizziness.		ensitisation	: no data available
	Neurological effects : May cause drowsiness or dizziness.	eurological effects :	May cause drowsiness or dizziness.
Toxicology Assessment	Toxicology Assessment	oxicology Assessment	
Repeated dose toxicity : Repeated exposure may cause skin dryness or cracking.	Repeated dose toxicity : Repeated exposure may cause skin dryness or cracking.	epeated dose toxicity	: Repeated exposure may cause skin dryness or cracking.

Version: 6.0



Revision Date 22.11.2012

Print Date 22.01.2015

SECTION 12: Ecological infor	rmation
12.1 Toxicity	
Ecotoxicology studies for the	product are not available.
Toxicity to fish 1-Propoxypropan-2-ol	: LC50: > 100 mg/l Species: Oncorhynchus mykiss (rainbow trout)
Toxicity to daphnia and other 1-Propoxypropan-2-ol	
Toxicity to algae 1-Propoxypropan-2-ol	: EC50: 1,466 mg/l Species: Scenedesmus capricornutum (fresh water algae)
Toxicity to bacteria 1-Propoxypropan-2-ol	: EC50: 3,800 mg/l Exposure time: 16 h Species: Bacteria
12.2 Persistence and degradabil	ity
Biodegradability	: no data available
Biodegradability Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics 12.3 Bioaccumulative potential	
Bioaccumulation	: Bioaccumulation is unlikely.
12.4 Mobility in soil	
Distribution among environ-	: no data available
mental compartments 12.5 Results of PBT and vPvB as	55635IIICIII



ARDROX AV 25			
Version: 6.0		Revision Date 22.11.2012	Print Date 22.01.2015
12.6 Other adverse effects			
Additional ecological infor- mation	:	slightly water endangering Do not flush into surface water or sa Avoid subsoil penetration.	nitary sewer system.
SECTION 13: Disposal consid	dera	tions	
13.1 Waste treatment methods			
Product	:	Dispose of in accordance with local	regulations.
Contaminated packaging	:	Dispose of as unused product.	
Waste Code	:	Waste codes should be assigned by discussion with the waste disposal a	
SECTION 14: Transport inforr	mati	on	
ADR		4400	
UN number UN proper shipping name	-	1139 COATING SOLUTION	
Transport hazard class(es)			
Packing group	:	111	
Classification Code		F1	
Hazard identification No Packing instruction (LQ)		33 LQ7	
Labels	÷		
Tunnel restriction code	:	(D/E)	
Environmentally hazardous	:	no	
IATA		1100	
UN number Description of the goods		1139 COATING SOLUTION	
Class	:	3	
Packing group	:		
Labels	:	3	
IATA_C		000	
Packing instruction (cargo aircraft)	·	366	
Environmentally hazardous	:	no	
IATA_P			
Packing instruction (passen- ger aircraft)	:	355	
Environmentally hazardous	:	no	
IMDG			

#### IMDG

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Version: 6.0	Revision Date 22.11.2012	Print Date 22.01.201
UN number Description of the goods Class Packing group Labels EmS Number 1 EmS Number 2 Marine pollutant	: 1139 : COATING SOLUTION : 3 : III : 3 : F-E : S-E : no	
<b>RID</b> UN number Description of the goods Transport hazard class(es) Packing group Classification Code Hazard identification No Labels Packing instruction (LQ) Environmentally hazardous	: 3 : III : F1 : 33 : 3 : LQ7	
SECTION 15: Regulatory info	rmation	
•	nental regulations/legislation specific f	
Candidate List of Substances of Very High Concern for Authorisation	: This product does not contain substa cern (Regulation (EC) No 1907/2006	
Water contaminating class (Germany)	: WGK 1 slightly water endangering VWVWS A4	
Other regulations	: The product is classified and labelled directives or respective national laws Regional or national implementations ment all hazard classes and categor	s. s of GHS may not imple-
For a mixture it is not mandate	<b>nt</b> ne mixture, there is no exposure scenario ory to include an exposure scenario in the d information is stated in the first 16 sectio	e material safety data sheet.
SECTION 16: Other information	วท	
Full text of R-phrases referr	ed to under sections 2 and 3	
	ed to under sections 2 and 3	

V



ARDROX AV 25		
/ersion: 6.0	Revision Date 22.11.2012	Print Date 22.01.2015
R10 R65 R66 R67	Flammable. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cl Vapours may cause drowsiness and dizziness.	racking.
Full text of H-Stateme	nts referred to under sections 2 and 3.	
EUH066 H226 H304 H319 H336	Repeated exposure may cause skin dryness or cracking. Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause drowsiness or dizziness.	
Full text of Notes refe	rred to under section 3	
Note H	The classification and label shown for this substance applies to the dangerous property(ies) indicated by the risk phrase(s) in combination with the category(ies) of danger shown. The manufacturers, importers and downstream users of this substance shall be obliged to carry out an investigation to make themselves aware of the relevant and accessible data which exists for all other properties to classify and label the substance. The final label shall follow the requirements of section 7 of Annex VI of this Directive. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7). When the substance is classified as a carcinogen or mutagen, Note E shall also apply. When the substance is not classified as a carcinogen or mutagen at least the S-phrases (2-)23-24-62 shall apply. This note applies only to certain complex oil-derived substances in Annex I.	

#### **Further information**

The information provided is based on our current knowledge and experience and apply to the product as delivered. Regarding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.