

Safety Data Sheet

MAGKLEEN 4 - P20600-NA

Safety Data Sheet dated 9/18/2018, version 5

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: MAGKLEEN 4

Other means of identification:

SDS code: P20600-NA

Recommended use of the chemical and restrictions on use

Recommended use:

Solvent

Cleaner

Industrial uses

Professional uses

Restrictions on use:

No uses advised against are identified.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company:

Dysol Inc. - 791 Westport Parkway - Fort Worth, TX 76177 / Phone: 1-817-335-1826 /
csr-na@socomore.com/ Fax Number: 817-335-2405

Distributor: SOCOMORE S.A.S. - Zone Industrielle du Prat - CS 23707 - 56037 VANNES
CEDEX - France - Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 20 26

Distributor: Socomore Ltd - 5, Coe Avenue - Loughborough - Leicestershire - LE11 4SE - UK
- Tel: +44 1509 262040 - Fax: +44 1509 262046

Distributor: Socomore Iberia - Calle Diputacio, 260 - 08007 Barcelona - Espana - Tel: +34 917
693 962 - Fax: +34 902 908 966

Distributor: MagChem Inc. 1271, rue Ampere, suite 101, Boucherville, QC, J4B 5Z5 Canada -
Tel: 1-450 641 8500 - Fax: 1-450 655 1717

Distributor: Socomore GmbH - c/o MAZARS GmbH - Theodor-Stern-Kai 1 - 60596 Frankfurt
am Main - Deutschland - Tel: +49 (0)89 20 70 28 83 - Fax: +49 (0) 89 88 91 98 16

Distributor: Socomore Trading Shangai - 355 East Kang Qiao Road - Kang Qiao Industrial
Zone - Pudong - 201315 Shangai - Tel: 862158131133 - Fax: 862158131933

Dystrybutor : SOCOMORE SPzoo - Ul. Piekna 18, 00-549 Warszawa Polska - Tel : +48 608
454 114 - Fax : +48 (22) 621 61 09

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

Emergency phone number

CHEMTEL: 1-800-255-3924 (USA) / CANUTEC: 1-613-996-6666 (CANADA)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical



Warning, Flam. Liq. 3, Flammable liquid and vapour.



Warning, Skin Sens. 1, May cause an allergic skin reaction.



Warning, STOT SE 3, May cause drowsiness or dizziness.



Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.

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Label elements

Hazard pictograms:



Danger

Hazard statements:

- H226 Flammable liquid and vapour.
- H317 May cause an allergic skin reaction.
- H336 May cause drowsiness or dizziness.
- H304 May be fatal if swallowed and enters airways.

Precautionary statements:

- P210 Keep away from heat - No smoking.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing spray.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves and eye/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 Call a POISON CENTER if you feel unwell.
- P331 Do NOT induce vomiting.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P370+P378 In case of fire, use a CO2 fire extinguisher to extinguish.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

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>= 90% HYDROTREATED HEAVY PETROLEUM NAPHTHA

CAS: 64742-48-9

 B.6/3 Flam. Liq. 3 H226

 A.10/1 Asp. Tox. 1 H304

 A.8/3 STOT SE 3 H336

>= 0.3% - < 0.5% ORANGE, SWEET, EXTRACT

REACH No.: 01-2119493353-35, CAS: 8028-48-6, EC: 232-433-8

 B.6/3 Flam. Liq. 3 H226

 A.2/2 Skin Irrit. 2 H315

 A.4.2/1 Skin Sens. 1 H317

 A.10/1 Asp. Tox. 1 H304

 US-HAE/A1 Aquatic Acute 1 H400

 US-HAE/C1 Aquatic Chronic 1 H410

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

In case of fire, use a CO2 fire extinguisher to extinguish.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

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Hazardous combustion products:

None

Explosive properties: Not Relevant

Oxidizing properties: Not Relevant

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Remove persons to safety.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use on extensive surface areas in premises where there are occupants.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Avoid accumulating electrostatic charge.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

Storage temperature:

Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

No occupational exposure limit available

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DNEL Exposure Limit Values

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

Worker Professional: 8.89 mg/kg bw/day - Consumer: 4.44 mg/kg bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 185.8 mg/cm³ - Consumer: 92.9 mg/cm³ - Exposure: Human Dermal - Frequency: Short Term, local effects

Worker Professional: 31.1 mg/m³ - Consumer: 7.78 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 4.44 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

Target: Fresh Water - Value: 5.4 mg/l

Target: Marine water - Value: 0.54 mg/l

Target: PNEC01 - Value: 5.77 mg/l

Target: Freshwater sediments - Value: 1.3 mg/kg

Target: Marine water sediments - Value: 0.13 mg/kg

Target: Soil (agricultural) - Value: 0.261 mg/kg

Target: Microorganisms in sewage treatments - Value: 2.1 mg/l

Target: PNEC02 - Value: 13.3 mg/l

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Safety goggles (EN 166)

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable gloves type: NF EN374

NBR (nitrile rubber).

PVA (Polyvinyl alcohol).

Respiratory protection:

Mask with filter "A1" , brown colour (NF EN14387)

Thermal Hazards:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Value	Method:	Notes
Appearance and colour:	Clear Colourless liquid	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	176 190 210° C / 349 375 410° F	--	--
Flash Point (°F):	133 °F	--	--
Flash point (°C):	56°C	--	--
Evaporation rate:	0.176	--	--

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Solid/gas flammability:	Not Relevant	--	--
Upper/lower flammability or explosive limits:	0.963	--	--
Vapour pressure:	0,87 mmHg (20°C)	--	--
Vapour density:	5.2	--	--
Relative density:	0.76	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	260° C / 500° F	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	< 7 mm ³ /s (40°C)	--	--
Explosive properties:	Not Relevant	--	--
Oxidizing properties:	Not Relevant	--	--

9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

10. STABILITY AND REACTIVITY

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

None

Conditions to avoid

Avoid accumulating electrostatic charge.

Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

N.A.

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Toxicological information of the main substances found in the product:

HYDROTREATED HEAVY PETROLEUM NAPHTA - CAS: 64742-48-9

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 4951 mg/m³

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg

i) STOT-repeated exposure:

Test: LOAEL

- Species: Mouse = 1000 MGKGBWDAY

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

None.

Substance(s) listed as OSHA Carcinogen(s):

None.

Substance(s) listed as NIOSH Carcinogen(s):

None.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

HYDROTREATED HEAVY PETROLEUM NAPHTA - CAS: 64742-48-9

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 72 - Notes:

Pseudokirchnerella subcapitata

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 0.67 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 0.7 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae = 150 mg/l - Duration h: 72 - Notes:

GrunalgeDesmodesmusSub

Persistence and degradability

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

Biodegradability: Biodegradability rate - Test: OECD 301B - Duration: 28 days - %: 72 - 83.4 - Notes: N.A.

Bioaccumulative potential

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

BCF - Test: N.A. 1.502 - 2.597 - Duration: N.A. - Notes: N.A.

Mobility in soil

N.A.

Other adverse effects

No harmful effects expected.

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13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION



UN number

ADR-UN Number:	3295
DOT number:	UN3295
IATA-UN Number:	3295
IMDG-UN Number:	3295

UN proper shipping name

ADR-Shipping Name:	HYDROCARBONS, LIQUID, N.O.S. (HYDROTREATED HEAVY PETROLEUM NAPHTA)
DOT-Shipping Name:	HYDROCARBONS, LIQUID, N.O.S. (HYDROTREATED HEAVY PETROLEUM NAPHTA)
IATA-Shipping Name:	HYDROCARBONS, LIQUID, N.O.S. (HYDROTREATED HEAVY PETROLEUM NAPHTA)
IMDG-Shipping Name:	HYDROCARBONS, LIQUID, N.O.S. (HYDROTREATED HEAVY PETROLEUM NAPHTA)

Transport hazard class(es)

ADR-Class:	3
DOT Hazard Class:	3
ADR - Hazard identification number:	30
IATA-Class:	3
IATA-Label:	3
IMDG-Class:	3

Packing group

ADR-Packing Group:	III
DOT Packing group:	III
IATA-Packing group:	III
IMDG-Packing group:	III

Environmental hazards

ADR-Environmental Pollutant:	No
IMDG-Marine pollutant:	No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

N.A.

The product is transported in conditions that comply with exemption criteria for ADR transport.

Special precautions

DOT Special provisions:	144, B1, IB3, T4, TP1, TP29
ADR-Subsidiary risks:	-
ADR-S.P.:	-
ADR-Transport category (Tunnel restriction code):	3 (D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary risks:	-
IATA-Cargo Aircraft:	366

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IATA-S.P.:	A3 A324
IATA-ERG:	3L
IMDG-EmS:	F-E , S-D
IMDG-Subsidiary risks:	-
IMDG-Stowage and handling:	Category A
IMDG-Segregation:	-

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory.

TSCA listed substances:

HYDROTREATED HEAVY PETROLEUM NAPHTA is listed in TSCA Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances: no substances listed.

Section 304 - Hazardous substances: no substances listed.

Section 313 - Toxic chemical list: no substances listed.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

No substances listed.

CAA - Clean Air Act

CAA listed substances:

None.

CWA - Clean Water Act

CWA listed substances:

None.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

None.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

No substances listed.

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

No substances listed.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

No substances listed.

The following substance(s) in this product has/have an identification by CAS number

either in countries not affected by the REACH regulation or in regulations not yet

updated to reflect the new naming convention for hydrocarbon solvents:

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2%

AROMATIC (CAS: 64742-48-9)

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

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Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
HMIS:	Hazardous Materials Identification System
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average