

Safety Data Sheet
SOLUWAX

Safety Data Sheet dated 10/20/2020, version 2

1. IDENTIFICATION**Product identifier**

Mixture identification:
Trade name: SOLUWAX
Other means of identification:
SDS code: P43074-NA

Recommended use of the chemical and restrictions on use

Recommended use:
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**Manufacturers:**

Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 /
csr-na@socomore.com/ Fax Number: 817-335-2405

Distributors:

Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 /
csr-na@socomore.com/ Fax Number: 817-335-2405
Magnus Chemical Limited, 1271, rue Ampere, suite 101, Boucherville, QC, J4B 5Z5 Canada -
Tel: 1-450 641 8500 - Fax: 1-450 655 1717



Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

Emergency phone number:

CHEMTEL: 1+1-813-248-0585 (International); 1-800-255-3924 (USA); CANUTEC:
1-613-996-6666 (CANADA)

2. HAZARD(S) IDENTIFICATION**Classification of the chemical**

-  Danger, Skin Corr. 1A, Causes severe skin burns and eye damage.
-  Danger, Eye Dam. 1, Causes serious eye damage.

Label elements

Hazard pictograms:



Danger

Hazard statements:

H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

Precautionary statements:

P260 Do not breathe spray.
P264 Wash hands thoroughly after handling.

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P280 Wear protective gloves and eye/face protection.
 P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 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.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 Call a POISON CENTER/doctor/... if you feel unwell.
 P363 Wash contaminated clothing before reuse.
 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:

>= 5% - < 7% ISOTRIDECANOL, ETHOXYLATED (2-5 OE)
 REACH No.: 01-2119976362-32, CAS: 69011-36-5, EC: 500-241-6

 A.3/1 Eye Dam. 1 H318

>= 3% - < 5% ISOTRIDECANOL ETHOXYLATED (5-20 OE)
 REACH No.: 01-2119976362-32, CAS: 69011-36-5, EC: 500-241-6

 A.1/4/Oral Acute Tox. 4 H302

 A.3/1 Eye Dam. 1 H318

>= 1% - < 3% SILICIC ACID, POTASSIUM SALT
 REACH No.: 01-2119456888-17, CAS: 1312-76-1, EC: 215-199-1

 A.2/2 Skin Irrit. 2 H315

 A.3/1 Eye Dam. 1 H318

>= 1% - < 3% ALKYL POLYGLYCOSIDE
 REACH No.: 01-2119489418-23, CAS: 110615-47-9, EC: 600-975-8

 A.3/1 Eye Dam. 1 H318

 A.2/2 Skin Irrit. 2 H315

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>= 1% - < 3% reaction mass of: 2-ethylhexyl mono-D-glucopyranoside; 2-ethylhexyl di-D-glucopyranoside

Index number: 614-028-00-1, EC: 414-420-0

 A.3/1 Eye Dam. 1 H318

>= 1% - < 3% POTASSIUM 3,5,5-TRIMETHYLHEXANOATE

REACH No.: Exempted-----, CAS: 93918-10-6, EC: 299-890-3

 A.3/2A Eye Irrit. 2A H319

 A.2/2 Skin Irrit. 2 H315

>= 1% - < 3% potassium hydroxide; caustic potash

REACH No.: 01-2119487136-33, Index number: 019-002-00-8, CAS: 1310-58-3, EC: 215-181-3

 A.2/1A Skin Corr. 1A H314

 A.1/4/Oral Acute Tox. 4 H302

>= 0.1% - < 0.25% 2,2'-iminodiethanol; diethanolamine


REACH No.: 01-2119488930-28, Index number: 603-071-00-1, CAS: 111-42-2, EC: 203-868-0

 A.6/2 Carc. 2 H351

 A.9/2 STOT RE 2 H373

 A.2/2 Skin Irrit. 2 H315

US-HAE/A2 Aquatic Acute 2 H401

 A.3/1 Eye Dam. 1 H318

US-HAE/C3 Aquatic Chronic 3 H412

 A.1/4/Oral Acute Tox. 4 H302

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.
OBTAIN IMMEDIATE MEDICAL ATTENTION.
Remove contaminated clothing immediately and dispose of safely.
After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

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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:

Water.

Carbon dioxide (CO₂).

Unsuitable extinguishing media

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

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 persons to safety.

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.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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Storage temperature:
Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

- SILICIC ACID, POTASSIUM SALT - CAS: 1312-76-1
 - OEL Type: TWA - STEL: 2 mg/m³ - Notes: 15 min
- potassium hydroxide; caustic potash - CAS: 1310-58-3
 - OEL Type: Ontario - STEL: 2 mg/m³ - Notes: CANADA
 - OEL Type: British Columbia - STEL: 2 mg/m³ - Notes: CANADA
 - OEL Type: Alberta - STEL: 2 mg/m³ - Notes: CANADA
 - OEL Type: Quebec - STEL: 2 mg/m³ - Notes: CANADA
 - OEL Type: ACGIH - STEL: Ceiling 2 mg/m³ - Notes: URT, eye, and skin irr
 - OEL Type: National - STEL: 2 mg/m³ - Notes: France
 - OEL Type: National - STEL: 2 mg/m³ - Notes: Spain
- 2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2
 - OEL Type: ACGIH - TWA(8h): 1 mg/m³ - Notes: (IFV), Skin, A3 - Liver and kidney dam
 - OEL Type: National - TWA: 15 mg/m³, 3 ppm - Notes: France
 - OEL Type: National - TWA(8h): 2 mg/m³, 0.46 ppm - Notes: Netherlands
 - OEL Type: National - TWA(8h): 2 mg/m³, 0.46 ppm - Notes: Belgium
 - OEL Type: National - TWA: 0.2 ppm - Notes: DOW IHG, skin

DNEL Exposure Limit Values

- SILICIC ACID, POTASSIUM SALT - CAS: 1312-76-1
 Worker Professional: 5.61 mg/m³ - Consumer: 1.38 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Worker Professional: 1.49 mg/kg b.w./day - Consumer: 0.74 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, local effects
 Consumer: 0.74 mg/kg - Exposure: Human Oral
- potassium hydroxide; caustic potash - CAS: 1310-58-3
 Worker Industry: 1 mg/m³ - Consumer: 1 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term (repeated)
- 2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2
 Worker Industry: 1 mg/m³ - Consumer: 0.25 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Worker Industry: 0.13 mg/kg - Consumer: 0.07 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Consumer: 0.06 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
 Consumer: 33 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

PNEC Exposure Limit Values

- SILICIC ACID, POTASSIUM SALT - CAS: 1312-76-1
 Target: Fresh Water - Value: 7.5 mg/l
 Target: Marine water - Value: 1 mg/l
 Target: Microorganisms in sewage treatments - Value: 348 mg/l
 Target: PNEC intermittent - Value: 7.5 mg/l
- 2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2
 Target: Fresh Water - Value: 0.0022 mg/l
 Target: Marine water - Value: 0.00022 mg/l
 Target: Freshwater sediments - Value: 0.019 mg/kg
 Target: Marine water sediments - Value: 0.0019 mg/kg
 Target: Soil (agricultural) - Value: 0.00108 mg/kg
 Target: Microorganisms in sewage treatments - Value: 100 mg/l

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Target: Sporadic discharge - Value: 0.022 mg/l

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Safety goggles (EN 166)

Face protection shield. (EN 166)

Use closed fitting safety goggles, don't use eye lens.

Protection for skin:

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

Boots (NF EN13832-3)

Protection for hands:

Suitable gloves type: NF EN374

NR (natural rubber, natural latex).

PVC (polyvinyl chloride).

Butyl rubber (isobutylene-isoprene copolymer)

NBR (nitrile rubber).

PVA (Polyvinyl alcohol).

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Value	Method:	Notes
Appearance and colour:	CLEAR YELLOW	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	12.6	ISO 4316, ASTM E70	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	100 degC/212 degF	base aqueuse	--
Flash Point (degF):	N.A.	--	--
Flash point (degC):	Not Relevant	--	--
Evaporation rate:	Not Relevant	--	--
Solid/gas flammability:	Not Relevant	--	--
Upper/lower flammability or explosive limits:	Not Relevant	--	--
Vapour pressure:	17.5	--	--
Vapour density:	0.67	--	--
Relative density:	1.07	ISO 649, ASTM D1298	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	Not Relevant	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	Not Relevant	--	--
Oxidizing properties:	Not Relevant	--	--

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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

Stable under normal conditions

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

None

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

ISOTRIDECANOL, ETHOXYLATED (2-5 OE) - CAS: 69011-36-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Carcinogenicity:

Test: NOAEL > 250 MGKGBWDAY

Reproductive toxicity:

Test: NOAEL > 250 MGKGBWDAY

STOT-repeated exposure:

Route: Oral - Species: Rat = 50 MGKGBWDAY - Duration: 2 years

ISOTRIDECANOL ETHOXYLATED (5-20 OE) - CAS: 69011-36-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 300 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Reproductive toxicity:

Test: NOAEL - Route: Oral - Species: Rat > 250 MGKGBWDAY

Test: NOAEL - Route: Oral - Species: Rat > 50 MGKGBWDAY

STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 50 mg/kg

SILICIC ACID, POTASSIUM SALT - CAS: 1312-76-1

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Skin corrosion/irritation:

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

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Respiratory or skin sensitisation:

Test: LC50 - Route: Inhalation - Species: Rat > 2.06 g/m3

STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 159 mg/kg - Notes: non classe, m/kg poids corporel/jour

potassium hydroxide; caustic potash - CAS: 1310-58-3

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 273 mg/kg

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 1600 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 12.970 mg/kg

Test: LC0 - Route: Inhalation - Species: Rat = 0.2 mg/l - Duration: 8h

Carcinogenicity:

Test: NOAEL - Route: Skin - Species: Rat = 32 MGKGBWDAY - Notes: 103 weeks, LOAEL = 40 mg/kg bw/jour

Reproductive toxicity:

Test: NOAEC - Species: Rat = 300 MGKGBWDAY - Notes: daily weeks, fertility

Test: NOAEC - Species: Rat = 150 MGKGBWDAY - Notes: 6-15 days, development

Test: NOAEL - Species: Rat = 50 mg/l - Notes: 6-15 days, development

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

None.

Substance(s) listed on the IARC Monographs:

2,2'-iminodiethanol; diethanolamine - Group 2B.

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.

ISOTRIDEKANOL, ETHOXYLATED (2-5 OE) - CAS: 69011-36-5

b) Aquatic chronic toxicity:

Endpoint: LC50 - Species: Fish > 10 mg/l - Duration h: 96 - Notes: Leuciscus idus

Endpoint: EC50 - Species: Daphnia > 10 mg/l - Duration h: 48 - Notes: DAPHNIA MAGNA

Endpoint: NOEC - Species: Daphnia = 0.37 mg/l - Duration h: 504 - Notes: DAPHNIA MAGNA

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria = 140 mg/l

d) Terrestrial toxicity:

Endpoint: NOEC = 10 mg/kg - Notes: Lepidium sativum

e) Plant toxicity:

Endpoint: EC50 - Species: Algae > 10 mg/l - Duration h: 72

ISOTRIDEKANOL ETHOXYLATED (5-20 OE) - CAS: 69011-36-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae > 1 mg/l - Duration h: 72 - Notes: Desmodemus subspicatus

Endpoint: EC50 - Species: Daphnia > 1 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: LC50 - Species: Fish > 1 mg/l - Duration h: 96 - Notes: Cyprinus carpio

Endpoint: EC10 - Species: Daphnia = 2.6 mg/l - Duration h: 504 - Notes: Daphnia magna

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Endpoint: EC10 - Species: Algae > 1 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria = 140 mg/l

f) Effects in sewage plants:

Endpoint: NOEC = 220 mg/kg

SILICIC ACID, POTASSIUM SALT - CAS: 1312-76-1

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 146 mg/l - Duration h: 48 - Notes: Leuciscus idus

Endpoint: EC50 - Species: Daphnia > 146 mg/l - Duration h: 24 - Notes: Daphnia magna

potassium hydroxide; caustic potash - CAS: 1310-58-3

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Daphnia = 270 mg/l - Duration h: 24

Endpoint: LC50 - Species: Fish = 44 mg/l - Duration h: 24 - Notes: Gambusia affinis, Poescilidae

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1460 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: EC50 - Species: Daphnia = 55 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 2.2 mg/l - Duration h: 96 - Notes:

Pseudokirchneriella subcapitata

Endpoint: NOEC - Species: Daphnia = 0.78 mg/l - Duration h: 504 - Notes: LOEC : 1,56 mg/l

Endpoint: EC10 - Species: Microorganisms > 1000 mg/l - Duration h: 0.5

Persistence and degradability

ISOTRIDEKANOL, ETHOXYLATED (2-5 OE) - CAS: 69011-36-5

Biodegradability: Readily biodegradable - Test: OECD 301B - Duration: 28 days - %: > 60 - Notes: Aerobic

Biodegradability: Biodegradable - Test: OECD 311 - Duration: 60 days - %: > 60 - Notes: Anaerobic

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Biodegradability: Biodegradability rate - Test: OECD 301F - Duration: 28 days - %: 93

Bioaccumulative potential

ISOTRIDEKANOL, ETHOXYLATED (2-5 OE) - CAS: 69011-36-5

Low bioconcentration potential

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Log Pow -2.18

Mobility in soil

ISOTRIDEKANOL, ETHOXYLATED (2-5 OE) - CAS: 69011-36-5

High adsorption on soils

Log Koc > 5000 - Notes: QSAR

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Log Koc 0 or -1.1472

Volality (H: Henry's Law Constant) 0.000004 Pa.m³/mol - Notes: 25°C

Other adverse effects

No harmful effects expected.

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.

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14. TRANSPORT INFORMATION



UN number

ADR-UN Number: UN1760
 DOT number: UN1760
 IATA-UN Number: UN1760
 IMDG-UN Number: UN1760

UN proper shipping name

ADR-Shipping Name: CORROSIVE LIQUID, N.O.S. (potassium hydroxide; caustic potash, ISOTRIDECANOL ETHOXYLATED (5-20 OE))
 DOT-Shipping Name: Corrosive liquids, n.o.s.(potassium hydroxide; caustic potash, ISOTRIDECANOL ETHOXYLATED (5-20 OE))
 IATA-Shipping Name: CORROSIVE LIQUID, N.O.S. (potassium hydroxide; caustic potash, ISOTRIDECANOL ETHOXYLATED (5-20 OE))
 IMDG-Shipping Name: CORROSIVE LIQUID, N.O.S. (potassium hydroxide; caustic potash, ISOTRIDECANOL ETHOXYLATED (5-20 OE))

Transport hazard class(es)

ADR-Class: 8
 DOT Hazard Class: 8
 ADR - Hazard identification number: 80
 IATA-Class: 8
 IATA-Label: 8
 IMDG-Class: 8

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.

Special precautions

DOT Special provisions: IB3, T7, TP1, TP28
 DOT Labels: 8
 ADR-Subsidiary hazards: -
 ADR-S.P.: IB3, T7, TP1, TP28
 ADR-Transport category (Tunnel restriction code): (E)
 IATA-Passenger Aircraft: 852
 IATA-Subsidiary hazards: -
 IATA-Cargo Aircraft: 856
 IATA-S.P.: A3 A803
 IATA-ERG: 8L
 IMDG-EmS: F-A , S-B
 IMDG-Subsidiary hazards: -
 IMDG-Stowage and handling: Category A SW2
 IMDG-Segregation: -
 Q.L.: 5L

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Q.L.: 1L

Q.E.: E1

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory or are not required to be listed on the TSCA.

TSCA sections for substances listed in section 3:

ISOTRIDECANOL, ETHOXYLATED (2-5 OE) is listed in TSCA Section 8b

ISOTRIDECANOL ETHOXYLATED (5-20 OE) is listed in TSCA Section 8b

SILICIC ACID, POTASSIUM SALT is listed in TSCA Section 8b

ALKYLPOLYGLYCOSIDE is listed in TSCA Section 8b

POTASSIUM 3,5,5-TRIMETHYLHEXANOATE is listed in TSCA Section 8b

potassium hydroxide; caustic potash is listed in TSCA Section 8b

2,2'-iminodiethanol; diethanolamine is listed in TSCA Section 8d HSDR, Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Section 302 Extremely Hazardous Substances: no substances listed.

Section 304 Hazardous substances: potassium hydroxide; caustic potash, 2,2'-iminodiethanol; diethanolamine.

Section 313 Toxic chemical list: 2,2'-iminodiethanol; diethanolamine.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA: potassium hydroxide; caustic potash -

Reportable quantity: 1000 pounds

2,2'-iminodiethanol; diethanolamine - Reportable quantity: 100 pounds.

Reportable quantity for mixture: 52083.33333 pounds.

CAA - Clean Air Act

CAA listed substances:

2,2'-iminodiethanol; diethanolamine is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON.

CWA - Clean Water Act

CWA listed substances:

potassium hydroxide; caustic potash is listed in CWA Section 311.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

2,2'-iminodiethanol; diethanolamine - Listed as carcinogen.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

potassium hydroxide; caustic potash

2,2'-iminodiethanol; diethanolamine.

New Jersey Right to know

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

potassium hydroxide; caustic potash

2,2'-iminodiethanol; diethanolamine.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

potassium hydroxide; caustic potash

2,2'-iminodiethanol; diethanolamine.

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:

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16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

- H318 Causes serious eye damage.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H314 Causes severe skin burns and eye damage.
- H351 Suspected of causing cancer.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H401 Toxic to aquatic life.
- H412 Harmful 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.
- ATE: Acute Toxicity Estimate
- ATEmix: Acute toxicity Estimate (Mixtures)
- 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