

Safety Data Sheet
DG-KLEEN - P43080-NA

Safety Data Sheet dated 9/12/2018, version 4

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: DG-KLEEN

Other means of identification:

SDS code: P43080-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

Company:

Dysol Inc. - 791 Westport Parkway - Fort Worth, TX 76177 / Phone: 1-817-335-1826 /
csr-na@socomore.com/ Fax Number: 817-335-2405Distributor: 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 26Distributor: Socomore Ltd - 5, Coe Avenue - Loughborough - Leicestershire - LE11 4SE - UK
- Tel: +44 1509 262040 - Fax: +44 1509 262046Distributor: Socomore Iberia - Calle Diputacio, 260 - 08007 Barcelona - Espana - Tel: +34 917
693 962 - Fax: +34 902 908 966Distributor: MagChem Inc. 1271, rue Ampere, suite 101, Boucherville, QC, J4B 5Z5 Canada -
Tel: 1-450 641 8500 - Fax: 1-450 655 1717Distributor: 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 16Distributor: Socomore Trading Shangai - 355 East Kang Qiao Road - Kang Qiao Industrial
Zone - Pudong - 201315 Shangai - Tel: 862158131133 - Fax: 862158131933Dystrybutor : 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



Danger, Skin Corr. 1A, Causes severe skin burns and eye damage.



Danger, Eye Dam. 1, Causes serious eye damage.

Label elements

Hazard pictograms:



Danger

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Hazard statements:

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Precautionary statements:

P260 Do not breathe spray.

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 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% dipotassium octenylsuccinate

CAS: 58641-28-4, EC: 261-373-5



A.2/2 Skin Irrit. 2 H315



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

>= 3% - < 5% 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

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

CAS: 93918-10-6, EC: 299-890-3



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




A.2/2 Skin Irrit. 2 H315

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>= 1% - < 3% POTASSIUM HYDROXIDE

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

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 off 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.

In case of Inhalation:

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

Most important symptoms/effects, acute and delayed

Intense burns and penetrating ulcers in the skin.

Burning sensation.

May cause ulceration of the conjunctivae and cornea.

Abdominal pain.

Burns of the mouth.

Risk of respiratory tract irritation.

Temporary burning sensation of nose and throat.

Dry/sore throat.

Cough

Difficulty breathing.

Shortness of breath.

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:

Flush with plenty of water any skin that you think may have come into contact with the product and consult a doctor.

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

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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

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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 - 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

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

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Worker Professional: 1.49 mg/kg bw/day - Consumer: 0.74 mg/kg bw/day - Exposure: Human Dermal - Frequency: Long Term, local effects
 Consumer: 0.74 mg/kg - Exposure: Human Oral
 POTASSIUM HYDROXIDE - CAS: 1310-58-3
 Worker Industry: 1 mg/m³ - Consumer: 1 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term (repeated)

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

Appropriate engineering controls:
 None

Individual protection measures
 Eye protection:
 Safety goggles (EN 166)
 Face protection shield. (EN 166)
 Use close 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).
 NBR (nitrile rubber).
 PVA (Polyvinyl alcohol).
 PVC (polyvinyl chloride).
 Butyl rubber (isobutylene-isoprene copolymer)

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:	13,15	ISO 4316, ASTM E70	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	>100 °C/>212°F	base aqueuse	--
Flash Point (°F):	N.A.	--	--
Flash point (°C):	Not Relevant	--	--
Evaporation rate:	Not Relevant	--	--
Solid/gas flammability:	Not Relevant	--	--
Upper/lower flammability	N.A.	--	--

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or explosive limits:			
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	1.08	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:	Not Relevant	--	--
Viscosity:	N.A.	--	--
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

Stable under normal conditions

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

None

Conditions to avoid

Stable under normal conditions.

Incompatible materials

Acids.

Aluminium, zinc.

Tin.

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:

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

a) acute toxicity:

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

b) skin corrosion/irritation:

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

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- d) respiratory or skin sensitisation:
Test: LC50 - Route: Inhalation - Species: Rat > 2.06 g/m³
- i) STOT-repeated exposure:
Test: NOAEL - Route: Oral - Species: Rat = 159 mg/kg - Notes: non classe, m/kg poids corporel/jour
- POTASSIUM HYDROXIDE - CAS: 1310-58-3
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 273 mg/kg

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.

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 - 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

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

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.

14. TRANSPORT INFORMATION



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UN number	
ADR-UN Number:	UN3266
DOT number:	UN3266
IATA-UN Number:	UN3266
IMDG-UN Number:	UN3266
UN proper shipping name	
ADR-Shipping Name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (potassium hydroxide; caustic potash)
DOT-Shipping Name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (potassium hydroxide; caustic potash)
IATA-Shipping Name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (potassium hydroxide; caustic potash)
IMDG-Shipping Name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (potassium hydroxide; caustic potash)
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:	II
DOT Packing group:	II
IATA-Packing group:	II
IMDG-Packing group:	II
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:	386, B2, IB2, T11, TP2, TP27
DOT Labels:	8
ADR-Subsidiary risks:	-
ADR-S.P.:	386, B2, IB2, T11, TP2, TP27
ADR-Transport category (Tunnel restriction code):	(E)
IATA-Passenger Aircraft:	851
IATA-Subsidiary risks:	-
IATA-Cargo Aircraft:	855
IATA-S.P.:	A3 A803
IATA-ERG:	8L
IMDG-EmS:	F-A , S-B
IMDG-Subsidiary risks:	-
IMDG-Stowage and handling:	Category B SW2
IMDG-Segregation:	SG35

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:

dipotassium octenylsuccinate is listed in TSCA Section 8b

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SILICIC ACID, POTASSIUM SALT is listed in TSCA Section 8b
POTASSIUM 3,5,5-TRIMETHYLHEXANOATE is listed in TSCA Section 8b
POTASSIUM HYDROXIDE is listed in TSCA Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances: no substances listed.

Section 304 - Hazardous substances: POTASSIUM HYDROXIDE.

Section 313 - Toxic chemical list: no substances listed.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA: POTASSIUM HYDROXIDE - Reportable quantity: 1000 pounds.

Reportable quantity for mixture: 55555.55556 pounds.

CAA - Clean Air Act

CAA listed substances:

None.

CWA - Clean Water Act

CWA listed substances:

POTASSIUM HYDROXIDE is listed in CWA Section 311.

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:

POTASSIUM HYDROXIDE.

New Jersey Right to know

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

POTASSIUM HYDROXIDE.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

POTASSIUM HYDROXIDE.

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:

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H318 Causes serious eye damage.

H314 Causes severe skin burns and eye damage.

H302 Harmful if swallowed.

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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

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	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