

SAFETY DATA SHEET



WeylClean® SAS 30

Version 5.0
US / EN

Revision Date: 10/02/2018

SDS Number: 000010027100

Date of last issue: 08/18/2017

SECTION 1. IDENTIFICATION

Product name : WeylClean® SAS 30

Substance name : A secondary alkane sulfonate - sodium salt (30%)

Manufacturer or supplier's details

Company : WeylChem Performance Products GmbH
Industriepark Kalle-Albert
Kastelerstr. 45
65203 Wiesbaden
Germany

Telephone : 0611 962 5658
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Emergency telephone number : +1 215 207 0061 (24 H)

Recommended use of the chemical and restrictions on use

Recommended use : Raw material

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Skin irritation : Category 2

Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.
P280 Wear protective gloves.

Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

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and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Substance name : A secondary alkane sulfonate - sodium salt (30%)

Hazardous components

| Chemical name | CAS-No. | Classification | Concentration (% w/w) |
|--|------------|---|-----------------------|
| Sulfonic acids, C10-C18-Alkane, Sodium salts | 68037-49-0 | Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 | 30 |

SECTION 4. FIRST AID MEASURES

General advice : Remove/Take off immediately all contaminated clothing.

If inhaled : If inhaled, remove to fresh air.
Get medical advice/ attention.

In case of skin contact : In case of contact, immediately flush skin with plenty of water.

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

If swallowed : Get medical attention immediately.

Most important symptoms and effects, both acute and delayed : None known.
None known.

Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray jet
Foam
Carbon dioxide (CO2)
Dry powder

Specific hazards during fire-fighting : Carbon monoxide
Sulphur dioxide (SO2)

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Special protective equipment : Self-contained breathing apparatus for firefighters

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment. For personal protection see section 8. For disposal considerations see section 13. Wear proper protective equipment. Contain spill. Spills should be collected as a liquid or absorbed on suitable absorbant and placed in proper containers for disposal. Do not discharge into storm drains or the aquatic environment.

Environmental precautions : Do not allow material to contaminate ground water system.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Flush with water.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : None known.

Advice on safe handling : Handle and open container with care.

Conditions for safe storage : Keep only in the original container.

Technical measures/Precautions : Sensitive to frost - if the product crystallises, becomes turbid, decomposes or freezes as a result of exposure to cold, reheat gently to 30 - 50 deg C to homogenize it. Before use of the product, ensure that it is completely homogeneous

Materials to avoid : Avoid storage near incompatible agents (see section 10). Do not store or transport together with foodstuffs

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

No level has been established by OSHA, NIOSH, ACGIH.

Engineering measures : See section 7; no measures in addition to the ones mentioned are necessary.

Personal protective equipment

Hand protection

Remarks : Long-term exposure
Impervious butyl rubber gloves

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Remarks : Short-term exposure
Nitrile rubber

Eye protection : Safety glasses

Protective measures : Avoid contact with skin and eyes.

Hygiene measures : Wash hands before breaks and at the end of workday.
Use protective skin cream before handling the product.
Take off immediately all contaminated clothing and wash it before reuse.
Do not eat, drink or smoke when using this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : yellowish, clear

Odour : characteristic

pH : ca. 7 (20 °C)
Concentration: 20 g/l

pour point : -3 °C

Boiling point/boiling range : > 100 °C

Flash point : > 100 °C

Evaporation rate : No data available

Self-ignition :

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : ca. 3 kPa (25 °C)

Relative vapour density : No data available

Relative density : No data available

Density : ca. 1.05 g/cm³ (20 °C)

Bulk density : ca. 1,050 kg/m³

Solubility(ies)
Water solubility : soluble (25 °C)

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Solubility in other solvents : Solvent: fat

Partition coefficient: n-octanol/water : No data available

Ignition temperature : No data available

Decomposition temperature : > 250 °C

Viscosity

 Viscosity, dynamic : 160 mPa.s (30 °C)

 Viscosity, kinematic : No data available

Flow time : not available

Explosive properties : No data available

Oxidizing properties : No data available

Surface tension : not available

Minimum ignition energy : No data available

Particle size : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : See section 10.3. "Possibility of hazardous reactions"

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.

Conditions to avoid : None known.

Incompatible materials : not known

Hazardous decomposition products : Stable under recommended storage conditions.
No decomposition if used as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : LD50 (Rat, female): > 2,000 mg/kg

Acute inhalation toxicity : No data available

Acute dermal toxicity : LD50 (Mouse): > 2,000 mg/kg

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Method: Expert judgement

Skin corrosion/irritation

Product:

Species: Rabbit
Method: OECD Test Guideline 404
Result: irritating
The toxicological data has been taken from products of similar composition.

Serious eye damage/eye irritation

Product:

Result: Risk of serious damage to eyes.
Method: OECD Test Guideline 405

Respiratory or skin sensitisation

Product:

Species: Guinea pig
Method: OECD Test Guideline 406
Result: negative
GLP: no
Information given is based on data obtained from similar substances.

Germ cell mutagenicity

Product:

Genotoxicity in vitro : No data available

Germ cell mutagenicity - : Animal testing did not show any mutagenic effects.
Assessment

Carcinogenicity

Product:

No data available

Carcinogenicity - Assess- : No evidence of carcinogenicity in animal studies.
ment

Reproductive toxicity

Product:

Effects on fertility : No data available

Effects on foetal develop- : No data available
ment

Reproductive toxicity - As- : No toxicity to reproduction
sessment

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STOT - single exposure

Product:

No data available

STOT - repeated exposure

Product:

No data available

Repeated dose toxicity

Product:

Species: Rats (male/female)
NOAEL: 200 mg/kg
Application Route: oral (feed)
Method: Other
GLP: no

Aspiration toxicity

Product:

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae : No data available

Toxicity to fish (Chronic toxicity) : not available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available

Toxicity to microorganisms : No data available

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Persistence and degradability

Product:

Biodegradability : Readily biodegradable.

Chemical Oxygen Demand (COD) : 826 mg/g

Dissolved organic carbon (DOC) : 176 mg/g

Physico-chemical removability : No data available

Bioaccumulative potential

Product:

Bioaccumulation : Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : No data available

Mobility in soil

Product:

Distribution among environmental compartments : No data available

Other adverse effects

Product:

Results of PBT and vPvB assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

Additional ecological information : Avoid release to the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Contaminated packaging : Dispose of contents/ container to an approved waste disposal plant.

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SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Develop-

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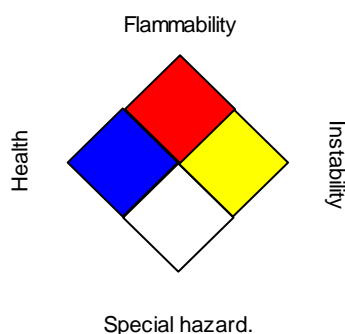
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ment; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

NFPA:



HMIS® IV:

| | | |
|-----------------|--|---|
| HEALTH | | 1 |
| FLAMMABILITY | | 1 |
| PHYSICAL HAZARD | | |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Observe national and local legal requirements
Avoid contact with skin and eyes.
Wear suitable protective equipment.
Wash thoroughly after handling.

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.