

SAFETY DATA SHEET



WeylClean® SAS 93

Version 4.2
Revision Date: 18.01.2022
SDS Number: 000010027102
Date of last issue: 12/18/2020
Print Date: 21.03.2024
US / EN

SECTION 1. IDENTIFICATION

Product name : WeylClean® SAS 93

Details of the supplier of the safety data sheet

Company : Catexel GmbH
Industriepark Kalle-Albert
Kasteler Straße 45
Wiesbaden 65203
Germany

Telephone : + 49 (0)611 962 5658
E-mail address Responsible/issuing person : +49 69 4109 2710
sdb@cassella-chemiepark.de

Emergency telephone number

Emergency telephone number : 24-7 Emergency Advice North America
+1 8772717077

Recommended use of the chemical and restrictions on use

Recommended use : Detergent

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity (Oral) : Category 4

Skin irritation : Category 2

Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear eye protection/ face protection.
P280 Wear protective gloves.

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Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/ doctor.
P330 Rinse mouth.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	:	Substance
Substance name	:	Sulfonic acids, C10-C18-Alkane, Sodium salts (93% active) CAS 68037-49-0
CAS-No.	:	Not Assigned

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

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- Suitable extinguishing media : Water spray jet
Foam
- Unsuitable extinguishing media : Carbon dioxide (CO₂)
Dry powder
High volume water jet
- Specific hazards during fire-fighting : In case of fire hazardous decomposition products may be produced such as:
Carbon monoxide
Carbon dioxide (CO₂)
- Special protective equipment for firefighters : Self-contained breathing apparatus
-

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Wearing appropriate personal protective equipment, contain spill, ventilate area of spill or leak, remove all sparking devices or ignition sources, carefully collect into suitable container.
- Environmental precautions : Do not let product enter drains.
Do not contaminate water.
Avoid release to the environment.
- Methods and materials for containment and cleaning up : Use mechanical handling equipment.

Flush away traces with water.
-

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.
Take measures to prevent the build up of electrostatic charge.
- Advice on safe handling : Handle and open container with care.
Avoid dust accumulation in enclosed space.

Minimize dust generation and accumulation.
- Conditions for safe storage : Keep only in the original container.
Keep container tightly closed.
- Further information on storage conditions : Store in a dry place.

hygroscopic
- Materials to avoid : Keep away from food and drink.
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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

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

Engineering measures : Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Personal protective equipment

Hand protection

Break through time : > 481 min

Glove thickness : >= 0.5 mm

Break through time : > 481 min

Glove thickness : >= 0.5 mm

Remarks : Long-term exposure
Nitrile rubber
Impervious gloves
Short-term exposure
Nitrile rubber
Impervious gloves

Eye protection : Safety glasses

Skin and body protection : Protective suit

Protective measures : Avoid contact with skin.
Avoid contact with eyes.
Do not breathe dust.

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 : Pastilles

Colour : yellow

Odour : characteristic

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pH : ca. 7 (68 °F / 20 °C)
Concentration: 10 g/l

Melting point/range : > 662 °F / > 350 °C
Method: DSC

Boiling point/boiling range : > 680 °F / > 360 °C
Decomposition: no
Method: DSC

Flash point : Not applicable

Evaporation rate : Not applicable

Self-ignition : not determined

Burning number : not determined

Upper explosion limit / Upper flammability limit : Not applicable

Lower explosion limit / Lower flammability limit : Not applicable

Vapour pressure : < 0.00001 hPa

Relative vapour density : Not applicable

Relative density : No data available

Density : 0.62 g/cm³

Bulk density : ca. 600 kg/m³

Solubility(ies)
Water solubility : 320 g/l (77 °F / 25 °C)
Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : log Pow: 0.2

Auto-ignition temperature : Not applicable

Decomposition temperature : > 680 °F / > 360 °C

Viscosity
Viscosity, dynamic : Not applicable
Viscosity, kinematic : Not applicable

Flow time : Not applicable

Explosive properties : No data available

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Oxidizing properties : No data available

Surface tension : 34 mN/m, 68 °F / 20 °C

Dust explosion class : No data 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.
Stable
Stable

Conditions to avoid : None known.

Incompatible materials : not known

Hazardous decomposition products : Carbon monoxide
Carbon dioxide (CO₂)
Sodium oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

no

Acute toxicity

Product:

Acute oral toxicity : LD50 (Rat, male and female): > 500 - 2,000 mg/kg
Method: OECD Test Guideline 401
GLP: yes

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Mouse, female): > 2,000 mg/kg
Method: Expert judgement
GLP: no

Skin corrosion/irritation

Product:

Assessment : Irritating to skin.

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Analytical monitoring: yes
Method: OECD Test Guideline 204
GLP: yes

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.36 mg/l
End point: Reproduction rate
Exposure time: 22 d
Test Type: semi-static test
Method: OECD Test Guideline 202
GLP: yes

Toxicity to microorganisms : NOEC (Pseudomonas putida): 600 mg/l
End point: Toxicity to bacteria
Test Type: Growth inhibition
Method: DIN 38412 T.8
GLP: no

Toxicity to soil dwelling organisms : NOEC (Eisenia fetida (earthworms)): 470 mg/kg
Exposure time: 56 d
End point: Reproduction
Method: OECD Test Guideline 222
GLP: yes

Persistence and degradability

Product:

Biodegradability : Test Type: aerobic
Inoculum: activated sludge
Biodegradation: 78 %
Exposure time: 28 d
Method: OECD Test Guideline 301B
GLP: no
Remarks: Readily biodegradable, according to appropriate OECD test.

Inoculum: activated sludge
Biodegradation: 89 %
Exposure time: 28 d
Method: OECD Test Guideline 301E
Remarks: Readily biodegradable, according to appropriate OECD test.

Test Type: aerobic
Inoculum: activated sludge
Biodegradation: 96.2 %
Exposure time: 34 d
Method: OECD 303A
Remarks: Readily biodegradable, according to appropriate OECD test.

Chemical Oxygen Demand (COD) : 2,065 mg/g

Dissolved organic carbon : 400 mg/g

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(DOC)

Physico-chemical removability : Remarks: No data available

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

Mobility in soil

Product:

Distribution among environmental compartments : Adsorption/Soil
Koc: 50
Method: OECD Test Guideline 106
Remarks: Not expected to adsorb on soil.

Other adverse effects

Product:

Environmental fate and pathways : Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

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 : Packaging that is not properly emptied must be disposed of as the unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

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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

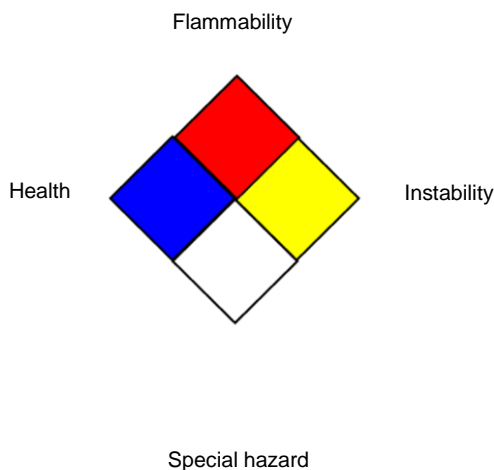
SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

Components	CAS-No.	Component TPQ (lbs)
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

Further information

NFPA 704:



HMIS® IV:

HEALTH		3
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.

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; 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

