

SAFETY DATA SHEET



WeylClean® SKS-6 WB

Version 2.1
Revision Date: 15.01.2021
SDS Number: 000000400893
Date of last issue: 09/10/2018
Print Date: 21.03.2024
US / EN

SECTION 1. IDENTIFICATION

Product name : WeylClean® SKS-6 WB

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 : Raw material for cleaning agents

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H318 Causes serious eye damage.

Precautionary statements :

Prevention:

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

SAFETY DATA SHEET



WeylClean® SKS-6 WB

Version Revision Date: SDS Number: Date of last issue: 09/10/2018
2.1 15.01.2021 000000400893 Print Date: 21.03.2024
US / EN

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Substance name : A crystalline sodium disilicate with anionic polymer

Components

Chemical name	CAS-No.	Classification	Concentration (% w/w)
disodium disilicate	13870-28-5		67 - 79

Disodium disilicate 13870-28-5: Specific concentration limit for mixture classification: 1- <10%
Eye Irrit 2 >= 10% Eye Dam 1

SECTION 4. FIRST AID MEASURES

General advice : Get medical attention.

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

In case of skin contact :

IF ON SKIN:
Wash off with warm 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 : Immediately give large quantities of water to drink.
Obtain medical attention.

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

Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : water

Unsuitable extinguishing
media : Dry powder
Carbon dioxide (CO₂)
High volume water jet

SAFETY DATA SHEET



WeylClean® SKS-6 WB

Version Revision Date: SDS Number: Date of last issue: 09/10/2018
2.1 15.01.2021 000000400893 Print Date: 21.03.2024
US / EN

- Specific hazards during fire-fighting : Burning produces noxious and toxic fumes.
Carbon monoxide
Carbon dioxide (CO₂)
- Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Use water spray to cool unopened containers.
Do not disperse powdered product in air.
- Special protective equipment for firefighters : Self-contained breathing apparatus
Full protective suit
-

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Forms slippery/greasy layers with water.
Wear suitable protective equipment.
Avoid dust formation.
For personal protection see section 8.
For disposal considerations see section 13.
Sweep or vacuum spilled material. Place in a disposable container. Use care to avoid dust generation. Eliminate ignition sources. Wet material will become very slippery and form swollen granules.
- Environmental precautions : Prevent product from entering drains.
Do not contaminate water.
- Methods and materials for containment and cleaning up : Use mechanical handling equipment.
Flush with water.
-

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special measures necessary.
- Advice on safe handling :
Handle and open container with care.
Avoid dust formation.
Avoid dust accumulation in enclosed space.
- Conditions for safe storage : Keep only in the original container.
Keep container tightly closed.
- Further information on storage conditions :
Store in a dry place.
Protect from moisture.
Protect against water.
-

SAFETY DATA SHEET



WeylClean® SKS-6 WB

Version Revision Date: SDS Number: Date of last issue: 09/10/2018
2.1 15.01.2021 000000400893 Print Date: 21.03.2024
US / EN

Materials to avoid : Keep away from food and drink.

Further information on stor- : May be kept indefinitely if stored properly
age stability

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Engineering measures : Use adequate exhaust ventilation and/or dust collection to
keep dust levels below exposure limits.

Personal protective equipment

Respiratory protection : Effective dust mask

Hand protection

Remarks : Long-term exposure Impervious butyl rubber gloves Minimum
thickness (glove): not determined
Short-term exposure Nitrile rubber Minimum thickness
(glove): not determined

Eye protection : Safety glasses
Tightly fitting safety goggles

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

Hygiene measures : Wash hands and face before breaks and immediately after
handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : granular

Colour : off-white

Odour : almost odourless

pH : 11.4 (68 °F / 20 °C)
Concentration: 1 g/l

Melting point/range : not determined

Boiling point/boiling range : No data available

Flash point : Not applicable

SAFETY DATA SHEET



WeylClean® SKS-6 WB

Version 2.1
Revision Date: 15.01.2021
SDS Number: 000000400893
Date of last issue: 09/10/2018
Print Date: 21.03.2024
US / EN

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 : Carbon monoxide
Carbon dioxide (CO₂)

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : LD50: 2,507 mg/kg
Method: OECD Test Guideline 401
Remarks: Information refers to the main component.

Acute inhalation toxicity : LC50 (Rat, male and female): > 3,510 mg/m³
Exposure time: 4 h
Method: OECD Test Guideline 403
Remarks: Information refers to the main component.

Acute dermal toxicity : Remarks: No data available

Skin corrosion/irritation

Product:

Species : Rabbit

Assessment : No skin irritation

Method : OECD Test Guideline 404

Result : No skin irritation

Remarks : Information refers to the main component.

Serious eye damage/eye irritation

Product:

Species : rabbit eye

Result : Severe irritation

Assessment : Risk of serious damage to eyes.

Method : OECD Test Guideline 405

SAFETY DATA SHEET



WeylClean® SKS-6 WB

Version 2.1
Revision Date: 15.01.2021
SDS Number: 000000400893
Date of last issue: 09/10/2018
Print Date: 21.03.2024
US / EN

Exposure time: 96 h
Method: OECD Test Guideline 203
Remarks: Information refers to the main component.

Toxicity to algae : NOEC (Desmodesmus subspicatus (green algae)): 18 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: Information refers to the main component.

Toxicity to microorganisms : EC50 (activated sludge of a predominantly domestic sewage): 720 mg/l
End point: Bacteria toxicity (respiration inhibition)
Exposure time: 3 h
Method: OECD Test Guideline 209
Remarks: Information refers to the main component.

Persistence and degradability

Product:

Biodegradability : Remarks: No data available

Physico-chemical removability : Remarks: Inorganic product, cannot be eliminated from the water by biological purification processes.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data available

Mobility in soil

Product:

Distribution among environmental compartments : Remarks: No data available

Other adverse effects

Product:

Environmental fate and pathways : Remarks: No data available

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 : Ecological data given refer to the main component.

SAFETY DATA SHEET



WeylClean® SKS-6 WB

Version Revision Date: SDS Number: Date of last issue: 09/10/2018
2.1 15.01.2021 000000400893 Print Date: 21.03.2024
US / EN

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with the European Directives on waste and hazardous waste.

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

Contact manufacturer.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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 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.

SAFETY DATA SHEET



WeylClean® SKS-6 WB

Version
2.1
US / EN

Revision Date:
15.01.2021

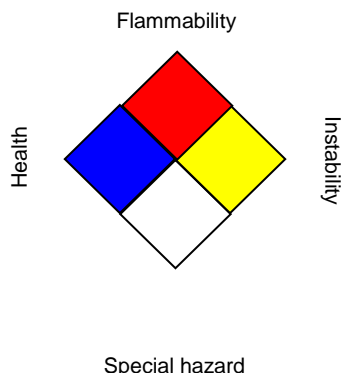
SDS Number:
000000400893

Date of last issue: 09/10/2018
Print Date: 21.03.2024

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH		2
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

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 Development; 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;

SAFETY DATA SHEET



WeylClean® SKS-6 WB

Version	Revision Date:	SDS Number:	Date of last issue: 09/10/2018
2.1	15.01.2021	000000400893	Print Date: 21.03.2024
US / EN			

UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Observe national and local legal requirements
None known.

Revision Date : 15.01.2021

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.

US / EN