

LAYERED SILICATE SKS-6 HD

Version 4.0

Revision Date 06/15/2015

Print Date 06/15/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : LAYERED SILICATE SKS-6 HD
Product code : 000010097931

Manufacturer or supplier's details

Company : WeylChem Lamotte S.A.S
Usine de Lamotte
Rue du Flottage
60350 Trosly-Breuil
France

Telephone : +33 (0)3 44 85 40 00
Prepared by : Product Stewardship Dpt.
geraldine.primazot@weylchem.com

Emergency telephone : +1 215 207 0061 (24 H)
number

Recommended use of the chemical and restrictions on use

Recommended use : Raw material for cleaning agents


SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview**

Appearance	granular
Colour	off-white
Odour	almost odourless
Hazard Summary	Irritating to eyes.

GHS Classification

Eye irritation : Category 2A

GHS-Labeling - Label elements

Hazard pictograms : 

Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.
Response:
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/

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attention.

Potential Health Effects

- Inhalation : May cause irritation of respiratory tract.
- Skin : Not expected to be irritating to skin.
Not expected to be toxic by skin absorption.
- Eyes : May cause severe irritation.
- Ingestion : Not expected to be toxic.
- Aggravated Medical Condition : None known.
- Symptoms of Overexposure : None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous components**

Chemical Name	CAS-No.	Concentration [%]
disodium disilicate	13870-28-5	67 - 79

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.

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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
- Specific hazards during firefighting : Burning produces noxious and toxic fumes.
Carbon monoxide
Carbon dioxide (CO₂)
- Specific extinguishing methods :
- 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.
- 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**Handling**

- Advice on safe handling :

Handle and open container with care.
Avoid dust formation.
Avoid dust accumulation in enclosed space.
- Advice on protection against fire and explosion : No special measures necessary.

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Dust explosion class : No data available

Storage

Requirements for storage areas and containers : 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.

Advice on common storage : Keep away from food and drink.

Other data : May be kept indefinitely if stored properly

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

not determined

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

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Appearance	: granular
Colour	: off-white
Odour	: almost odourless
pH	: 11 - 11.5, Concentration: 1 g/l (20 °C)
Melting point/range	: not determined
Boiling point/boiling range	: No data available
Flash point	: Not applicable
Evaporation rate	: Not applicable
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Vapour pressure	: not determined
Relative vapour density	: Not applicable
Relative density	: Not applicable
Density	: No data available
Bulk density	: 450 - 650 kg/m ³
Solubility(ies)	
Water solubility	: 7.4 g/l (30 °C)
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: Not applicable
Ignition temperature	: Not applicable
Thermal decomposition	: > 450 °C (3 K/min) Method: DTA
Viscosity	
Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable
Flow time	: Not applicable
Explosive properties	: No data available
Oxidizing properties	: No data available
Impact sensitivity	: Not impact sensitive.
Surface tension	: Not applicable

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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 (CO ₂)

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity	:	Remarks: not determined
Acute inhalation toxicity	:	Remarks: not determined
Acute dermal toxicity	:	Remarks: No data available

Skin corrosion/irritation**Product:**

Remarks: not determined

Serious eye damage/eye irritation**Product:**

Result: irritating

Respiratory or skin sensitisation**Product:**

Remarks: not determined

Germ cell mutagenicity

No data available

Carcinogenicity**Product:**

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Remarks: No data available

Carcinogenicity -
Assessment :

No information available.

Reproductive toxicity

Product:

Reproductive toxicity -
Assessment : No information available.

No information available.

STOT - single exposure

Product:

Remarks: No data available

STOT - repeated exposure

Product:

Remarks: No data available

Repeated dose toxicity

Product:

Remarks: not determined

Aspiration toxicity

Product:

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 500 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to algae : Remarks: not determined

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Toxicity to bacteria : EC50 (activated sludge): 100 - 1,000 mg/l
 Exposure time: 3 h
 Method: OECD Test Guideline 209

Persistence and degradability

Product:

Biodegradability : Remarks: The organic components of the product are biodegradable.

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

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No bioaccumulation is to be expected (log Pow <= 4).
 Not applicable

Partition coefficient: n-octanol/water : Remarks: Not applicable

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.

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

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handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulation

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.

California Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION

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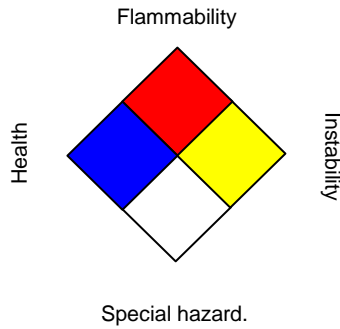
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Further information

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	

0 = not significant, 1 =Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

Observe national and local legal requirements

None known.

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.