

Material Safety Data Sheet

SasfrothTM 205

Version 1.00

Revision Date 09.11.2005



1. Identification of the substance/preparation and of the company/undertaking

Trade name SasfrothTM 205

Company Hitech Chemicals

2. Composition/information on ingredients

potassium hydroxide; caustic potash

content: ≥ 6.00 - ≤ 8.00 %

CAS-No. 1310-58-3

Index-No. 019-002-00-8

EG-Nr.: 215-181-3

Symbol(s) C

R-phrases) -R22 -R35

For the full text of the R phrases mentioned in this Section, see Section 16.

3. Hazards identification

Identification of the risks

R35 Causes severe burns.

4. First aid measures

General advice

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation

Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

Skin contact

Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. Call a physician

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	<i>immediately.</i>
Eye contact	<i>Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Protect unharmed eye. Call a physician immediately.</i>
Ingestion	<i>If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.</i>

5. Fire-fighting measures

Suitable extinguishing media	<i>water spray, dry powder, foam, carbon dioxide (CO2)</i>
Specific hazards during fire fighting	<i>Do not allow run-off from fire fighting to enter drains or water courses.</i>
Special protective equipment for fire-fighters	<i>Wear self-contained breathing apparatus and protective suit.</i>
Further information	<i>In the event of fire, cool tanks with water spray.</i>

6. Accidental release measures

Personal precautions	<i>Use personal protective equipment. Do not breathe vapours or spray mist.</i>
Environmental precautions	<i>Do not flush into surface water or sanitary sewer system.</i>
Methods for cleaning up	<i>Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).</i>
Additional advice	<i>Never return spills in original containers for re-use.</i>

7. Handling and storage

Handling

Safe handling advice	<i>Wear personal protective equipment. Do not breathe vapours or spray mist. Avoid contact with skin and eyes.</i>
Advice on protection against fire and explosion	<i>Provide sufficient air exchange and/or exhaust in work rooms. Keep away from open flames, hot surfaces and sources of ignition.</i>

Storage

Requirements for storage areas and containers	<i>Keep containers tightly closed in a dry, cool and well-ventilated place.</i>
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8. Exposure controls / personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

no data available

EUROPEAN OCCUPATIONAL EXPOSURE LIMITS

no data available

Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection gloves suitable for permanent contact:
Material: butyl-rubber
Break through time: 4 h
Material thickness: 0.5 mm
unsuitable gloves
Material: leather, nitrile rubber/nitrile latex, polyvinylchloride, natural rubber/natural latex

Eye protection tightly fitting safety goggles

Skin and body protection protective suit, safety shoes

Hygiene measures Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

Protective measures Do not breathe vapours or spray mist. Avoid contact with the skin and the eyes. Wear suitable protective equipment.

9. Physical and chemical properties

Form	liquid
state of matter	liquid
Colour	dark brown
Odour	mild
pH	> 10
Melting point/range	-20 °C; 1,013 hPa
Boiling point/range	> 200 °C

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Flash point	> 130 °C; closed cup
Autoignition temperature	330 °C
Density	1.05 g/cm ³ ; 20 °C
Bulk density	1.05 kg/m ³ ; 20 °C
Water solubility	completely soluble
Solubility in other solvents	Medium: Diethylether; completely soluble

10. Stability and reactivity

Hazardous decomposition products	Stable under normal conditions.
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11. Toxicological information

Further information	no data available
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12. Ecological information

Ecotoxicity effects

General advice	no data available
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13. Disposal considerations

Product	Dispose of in accordance with local regulations.
Contaminated packaging	Store containers and offer for recycling of material when in accordance with the local regulations.

14. Transport information

Further Information	Not classified as dangerous in the meaning of transport regulations.
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15. Regulatory information

Labelling

Regulatory base	1999/45/EC
Symbol(s)	C: Corrosive
R-phrase(s)	R35: Causes severe burns.
S-phrase(s)	S26: In case of contact with eyes, rinse immediately with plenty

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of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S60: This material and its container must be disposed of as hazardous waste.

Hazardous components which must be listed on the label potassium hydroxide; caustic potash

16. Other information

Full text of R-phrases referred to under sections 2 and 3:

R22 Harmful if swallowed.
R35 Causes severe burns.

This MSDS summarises at the date of issue our best knowledge of the health, safety and environmental hazard information related to the product, and in particular how to safely handle, use, store and transport the product in the workplace. Since we cannot anticipate or control conditions under which the product may be handled, used, stored or transported, each user must, prior to usage, review this MSDS in the context of how the user intends to handle, use, store or transport the product in the workplace and beyond, and communicate such information to all relevant parties. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

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*The MSDS was created by:
The MSDS was approved by:*