



SASOBIT®

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade name	SASOBIT®	
Synonyms	Paraffin wax; Bitumen Additives	
Use	Industrial use, Wax	
Company	Sasol Chemicals (USA) LLC - Wax (an affiliate of Sasol Chemicals North America LLC)	
Address	12120 Wickchester Lane Houston TX 77079	
Telephone	CHEMTREC North America Transportation Emergency (24-hr)	(800) 424-9300
	CHEMTREC World Wide	(703) 527-3887
	Other Emergencies (24-hr)	(337) 494-5142
	SDS and Product Information (8:00am-4:30pm CST)	(281) 588-3491
	Health and Safety Information (7:30am-4:00pm CST)	(281) 588-3492
E-mail address	SasolElectronicSDS@us.sasol.com	

SECTION 2 HAZARDS IDENTIFICATION

GHS Hazards

OSHA Hazards Combustible dust

LABEL ELEMENTS

Hazard symbols None

Signal word Warning

Hazard statements May form combustible dust concentrations in air.

Precautionary statements

Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
Prevent dust accumulation.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS-No.</u>	<u>Weight percent</u>
Paraffin waxes and Hydrocarbon waxes	8002-74-2	100

See Section 8 for Exposure Guidelines and Section 15 for Regulatory Classifications.

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SECTION 4 FIRST AID MEASURES

- Eye contact** Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.
- Skin contact** Cool melted product on skin with plenty of water. Do not remove solidified product. In case of burns by molten product medical treatment is necessary.
- Inhalation** Remove person to fresh air. If signs/symptoms continue, get medical attention.
- Ingestion** If symptoms persist, call a physician. Never give anything by mouth to an unconscious person.

SECTION 5 FIREFIGHTING MEASURES

FLAMMABLE PROPERTIES

- Fire/explosion** Burning produces irritant fumes. Avoid dust formation. For waxes in coarse powder form, ST Class = 1. Severity of dust explosion is moderate. Dust may form explosive mixture in air.
- Suitable extinguishing media** Water fog, Foam, Dry powder, Carbon dioxide (CO₂), Sand, Do not use a solid water stream as it may scatter and spread fire.
- Protective equipment and precautions for firefighters** Wear self-contained breathing apparatus and protective suit.
- Further information** Prevent further leakage or spillage if safe to do so. Evacuate personnel to safe areas.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- Methods and materials for containment and cleaning up** Evacuate the area and eliminate all sources of ignition. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Fine dust dispersed in air may ignite. Pick up and arrange disposal without creating dust. Non-sparking tools should be used. Prevent product from entering drains.
- Spill precautions** Material can create slippery conditions.

SECTION 7 HANDLING AND STORAGE

- Safe handling advice** Provide sufficient air exchange and/or exhaust in work rooms. Minimize dust generation and accumulation. Dust can form an explosive mixture in air. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Keep away from heat and sources of ignition. Molten wax should not be exposed to water, as it causes violent steam explosions on molten wax.

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Load/Unload temperature < 110 C
< 230 F

Further information on storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from light, moisture and damage.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES

Air contaminant levels should be controlled below the PEL or TLV for this product (see Exposure Guidelines). It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment.

PERSONAL PROTECTIVE EQUIPMENT

Eyes Wear as appropriate: Goggles, Face-shield

Skin Wear suitable protective clothing, gloves and eye/face protection.
Wear as appropriate: Heat resistant gloves Impervious gloves

Inhalation When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use NIOSH approved respiratory protection.

EXPOSURE GUIDELINES

Components	Exposure limit(s)
Paraffin waxes and Hydrocarbon waxes	ACGIH TLV (8-hour) 2 mg/m ³ (Fume)

PEL= Permissible Exposure Limits
TLV= Threshold Limit Value
EL= Excursion Limit

TWA= Time Weighted Average (8 hr.)
STEL= Short Term Exposure Limit (15 min.)
WEEL= Workplace Environmental Exposure Level

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance solid;

Colour White to pale brown

Form coarse powder, flakes, pastilles

Odour odourless

Odour Threshold no data available

Flash point > 250 °C, > 482 °F;

Flammability Upper explosion limit: no data available
Lower explosion limit: no data available

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Boiling point/boiling range	> 370 °C, > 698 °F;
Melting point/range	> 75 °C, > 167 °F;
Auto-ignition temperature	no data available
Decomposition temperature	approximately 250 °C, 482 °F;
Flammability (solid, gas)	no data available
Vapour pressure	no data available
Vapour density	Not applicable
Density	0.9 g/cm ³ @ 25 °C, 77 °F;
Specific gravity	no data available
Water solubility	insoluble
Viscosity	no data available
Viscosity, dynamic	6 - 12 mPa.s @ 135 °C, 275 °F;
pH	Not applicable
Evaporation rate	Not applicable
Partition coefficient: n-octanol/water	no data available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	Stable at normal ambient temperature and pressure.
Chemical stability	No decomposition if stored and applied as directed.
Conditions to avoid	Keep away from heat and sources of ignition.
Hazardous decomposition products	Carbon oxides
Materials to avoid	Oxidizing agents Reducing agents
Hazardous polymerisation	None.

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SECTION 11 TOXICOLOGICAL INFORMATION

Additional Remarks	Information given is based on data obtained from similar substances or components of this material.
Acute dermal toxicity	LD50 Rabbit: > 3,600 mg/kg
Acute inhalation toxicity	no data available
Acute oral toxicity	LD50 Rat: > 5,000 mg/kg
Skin corrosion/irritation	(Rabbit) Not irritating
Eye damage/irritation	(Rabbit) Not irritating
Respiratory or skin sensitization	Guinea pig: not sensitizing; Maximisation Test
Germ cell mutagenicity	Genotoxicity in vitro: Type: Chromosome aberration test in vitro Result: not mutagenic Type: Mammalian cell gene mutation assay Result: negative Genotoxicity in vivo: no data available Assessment Mutagenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity	Reproductive toxicity: Rat; OECD Test Guideline 421 NOAEL (F1): $\geq 1,000$ mg/kg Assessment Reproductive toxicity: Based on available data, the classification criteria are not met. Teratogenicity: Rat; OECD Test Guideline 414 NOAEL (teratogen): $\geq 1,000$ mg/kg NOAEL (maternal): $\geq 2,000$ mg/kg Assessment teratogenicity: Based on available data, the classification criteria are not met.
STOT - single exposure	no data available

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STOT - repeated exposure Mouse; OECD Test Guideline 453
NOAEL: \geq 150 mg/kg
Based on available data, the classification criteria are not met.

Aspiration toxicity no data available

Carcinogenicity **Assessment carcinogenicity:**
Contains no ingredient listed as a carcinogen

SECTION 12 ECOLOGICAL INFORMATION

Aquatic toxicity Information given is based on data obtained from similar substances or components of this material.

Toxicity to fish LL50 (Pimephales promelas (fathead minnow)) 96 hours: $>$ 100 mg/l

Toxicity to aquatic invertebrates LL50: $>$ 10,000 mg/l

Toxicity to algae NOEL (Pseudokirchneriella subcapitata (green algae)) 72 hours: \geq 100 mg/l; Growth inhibition

Chronic toxicity to fish NOEL (Pimephales promelas (fathead minnow)): $>$ 100 mg/l

Chronic toxicity to aquatic invertebrates NOEL (Gammarus pulex) 4 d: $>$ 10,000 mg/l; OECD Test Guideline 202

Biodegradation Inherently biodegradable.

Bioaccumulation no data available

Mobility in soil no data available

Other adverse effects no data available

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Code Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations.

Disposal methods Dispose of only in accordance with local, state, and federal regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

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Empty containers. Empty containers and original plastic liners may contain product residue. Handling of empty containers and liners should be in a manner to minimize dust generation. Safe handling procedures as outlined in the SDS should be followed at all times. Consult the appropriate official for information regarding disposal requirements., Safe handling procedures as outlined in the SDS should be followed at all times., Consult the appropriate official for information regarding disposal requirements.

SECTION 14 TRANSPORT INFORMATION

DOT Not regulated.

IATA Not regulated.

IMDG Not regulated.

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

Remarks no data available

SECTION 15 REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
OSHA Hazards (HCS 1994)

Non-hazardous substance

TSCA Inventory Listing
Components

Paraffin waxes and Hydrocarbon waxes

CAS-No.

8002-74-2

SARA 302 Status
Components
CAS-No.
Weight percent

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

SARA 311/312 Classification

Non-hazardous substance

SARA 313 Chemical
Components
CAS-No.
Weight percent

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US. EPA CERCLA Hazardous Substances (40 CFR 302)
Components
Reportable Quantity
Weight percent

none

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INTERNATIONAL REGULATIONS

WHMIS Classification

WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria.

European Union

The product does not need to be labelled in accordance with EC directives or respective national laws.

Australia. Inventory of Chemical Substances (AICS)	Listed
Japan. Inventory of Existing and New Chemical Substances (ENCS)	Listed
Japan. Industrial Safety & Health Law (ISHL) Inventory	Listed
Canada. Domestic Substances List (DSL) Inventory	Listed
Canadian Non-Domestic Substance Listing (NDSL)	Not listed
European Inventory of Existing Commercial Chemical Substances (EINECS) Listing	Listed
Philippines. Inventory of Chemicals / Chemical Substances (PICCS)	Listed
Korea. Existing Chemicals Inventory (KECI)	Listed
China. Inventory of Existing Chemical Substances (IECSC)	Listed
Mexico. National Inventory of Chemical Substances (INSQ)	Listed
New Zealand. Inventory of Chemicals (NZIoC)	Listed
Switzerland. Inventory of Notified New Substances (CHINV)	Listed
Taiwan. National Existing Chemical Inventory (NECI)	Listed

Please note: The names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in Section 3.

STATE REGULATIONS

California Prop. 65
Components
 none

CAS-No.

SECTION 16 OTHER INFORMATION

HAZARD RATINGS

Health

Flammability

Physical Hazard/
Instability

**SASOBIT®**

HMIS®	1	1	0
NFPA	1	1	0

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