

Material Safety Data Sheet

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Section 1. Chemical Product and Company Identification

Product Name GROBET X-29SF BOBBING COMPOUND	Product Code 541DG39SF, 541DG40SF, 541DG41SF
Manufacturer's Name KOCOUR COMPANY	Emergency Telephone Number CHEMTREC-1-800-424-9300
Address (Number, Street, City, State, and ZIP Code) 4800 S. ST. LOUIS AVE. CHICAGO, IL. 60632	Telephone Number for Information 773-847-1111
	Date Prepared 01/26/2007
	Signature of Preparer (optional)

Section 2. Composition/Information on Ingredients

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
NEPHELINE SYENITE	37244-96-5	PEL - 5mg/m3 TWA,	15mg/m3 TWA	(respirable fraction)(total dust)	
		TLV - 10mg/m3 TWA,	3 mg/m3 TWA	(inhalable fraction) (respirable fraction)	
		MSHA - 5mg/m3 TWA,	15mg/m3 TWA	(respirable fraction)(total dust)	

NOTE: MORE RESTRICTIVE EXPOSURE LIMITS MAY BE ENFORCED BY SOME STATES, AGENCIES OR OTHER AUTHORITIES.

STEARIC ACID	57-11-4
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Section 3. Hazards Identification

Emergency Overview

EXCESSIVE INHALATION OF DUST MAY CAUSE LUNG INJURY, WITH SYMPTOMS OF SHORTNESS OF BREATH AND REDUCED PULMONARY FUNCTION.

Potential Health Effects

Eye CONTACT MAY CAUSE MECHANICAL IRRITATION AND POSSIBLE INJURY.

Skin NO ADVERSE EFFECTS EXPECTED.

Ingestion NO ADVERSE EFFECTS EXPECTED FOR NORMAL, INCIDENTAL INGESTION.

Inhalation INHALATION OF DUST MAY CAUSE IRRITATION OF THE NOSE, THROAT, AND RESPIRATORY PASSAGES.

Chronic/Carcinogenicity NONE OF THE COMPONENTS OF THIS PRODUCT ARE LISTED AS CARCINOGENS OR SUSPECTED CARCINOGENS BY IARC, NTP, OR OSHA.

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Teratology NO APPLICABLE INFORMATION FOUND.

Reproduction NO APPLICABLE INFORMATION FOUND.

Mutagenicity NO APPLICABLE INFORMATION FOUND.

Section 4. First Aid Measures

Eye FLUSH THE EYES IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER, IF IRRITATION PERSISTS GET IMMEDIATE MEDICAL ATTENTION.

Skin NO FIRST AID SHOULD BE NEEDED SINCE THIS PRODUCT DOES NOT AFFECT THE SKIN. WASH EXPOSED SKIN WITH SOAP & WATER BEFORE BREAKS AND AT END OF SHIFT.

Ingestion IF LARGE AMOUNTS ARE SWALLOWED, GET IMMEDIATE MEDICAL ATTENTION.

Inhalation REMOVE VICTIM TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.

Section 5. Fire Fighting Measures

Flammable Properties	Flash Point	<u>N/A</u>	Method	<u>N/A</u>
	<u>AS NEPHELINE SYENITE - FULLY OXIDIZED. WILL NOT BURN.</u>			

Flammable Limits	Lower	<u>N/A</u>	Upper	<u>N/A</u>
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Autoignition Temperature NO APPLICABLE INFORMATION FOUND.

Hazardous Combustion Products MAY RELEASE TOXIC FUMES UNDER FIRE CONDITIONS.

Extinguishing Media FOAM, CARBON DIOXIDE, DRY POWDER OR WATER FOG

Fire Fighting Instructions WEAR PROPER PERSONAL PROTECTION AND SELF-CONTAINED BREATHING APPARATUS

Section 6. Accidental Release Measures

Small Spill COLLECT USING DUSTLESS METHOD. DRY SWEEPING NOT RECOMMENDED.

Large Spill COLLECT USING DUSTLESS METHOD. DRY SWEEPING NOT RECOMMENDED.

Section 7. Handling and Storage

Handling AVOID BREATHING DUST. USE NORMAL PRECAUTIONS AGAINST SPILLS. USE GOOD HOUSEKEEPING IN STORAGE AREAS.

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Storage STORE AT ROOM TEMPERATURE. DO NOT STORE NEAR EXCESSIVE HEAT
OR OPEN FLAME.

Section 8. Exposure Controls, Personal Protection

Engineering Controls USE LOCAL EXHAUST AS REQUIRED TO MAINTAIN EXPOSURES BELOW
LIMITS LISTED IN SECTION 2

Respiratory Protection USE APPROPRIATE RESPIRATORY PROTECTION FOR RESPIRABLE
PARTICULATES BASED ON CONSIDERATION OF AIRBORNE WORKPLACE CONCENTRATIONS AND
DURATION OF EXPOSURE.

Skin Protection PROTECTIVE GLOVES RECOMMENDED.

Eye Protection SAFETY GLASSES OR GOGGLES RECOMMENDED.

Permissible Exposure Levels (see also Section 2)

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
ALL AS LISTED IN SECTION 2					

Section 9. Physical and Chemical Properties

Boiling Point 220-225 Degrees C (as stearic acid)	Specific Gravity (H ₂ O = 1) <1.0
Vapor Pressure (mm Hg) <1 mbar	Melting Point 42 DEGREES C.
Vapor Density (AIR = 1) N/A	Evaporation rate (Butyl Acetate = 1) N/A
Solubility in Water INSOLUBLE	Physical State SOLID
Appearance and Odor BROWN COLORED BAR WITH A WAXY ODOR	Other NO APPLICABLE INFORMATION FOUND

Section 10. Stability and Reactivity

Chemical Stability STABLE

Incompatibility NO APPLICABLE INFORMATION FOUND.

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Hazardous Decomposition Products IF COMBUSTION IS NOT COMPLETE, CARBON MONOXIDE WILL FORM.

Hazardous Polymerization WILL NOT OCCUR.

Section 11. Toxicological Information

NO ACUTE TOXICITY DATA IS AVAILABLE FOR PRODUCT OR COMPONENTS. REFER TO SECTION 3 FOR HEALTH HAZARD INFORMATION.

Section 12. Ecological Information

NO ECOTOXICITY DATA IS AVAILABLE. THIS PRODUCT IS NOT EXPECTED TO PRESENT AN ENVIRONMENTAL HAZARD.

Section 13. Disposal Considerations

DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE/PROVINCIAL AND FEDERAL REGULATIONS.

Section 14. Transport Information

U.S.DOT HAZARD CLASSIFICATION

Proper Shipping Name: Not Regulated Hazard Class/Packing Group: N/A

Proper Shipping Name: Not Regulated Labels Required: None

Technical Name: N/A DOT Packing Requirements: N/A

UN Number: N/A Exceptions: N/A

Section 15. Regulatory Information

SARA 311/312: N/A Toxic Substances Control Act: All components are listed or exempt.

SARA 313: None Canadian WHMIS Classification: Not a controlled product.

CERCLA Section 103: None

California Proposition 65: Does not contain substances regulated under same.

Section 16. Other Information European Community Labeling Classification: N/A

European Community Risk and Safety Phrases: None

NFPA Hazard Rating: Health: 0 Fire: 0 Reactivity: 0

HMIS Hazard Rating: Health: 0 Fire: 0 Reactivity: 0