

Safety Data Sheet

SGC-10, 50

Complies with OSHA's Hazard Communication Standard
29 CFR 1910.1200.

Preparation: December 1989
Review / Revision: May 2014

SGC-10, 50 = Surface Grinder Coolant, 1 and 5 Gallon

Two part SDS

1. IDENTIFICATION

Part No. and Description: FG-550, Hartland Synthetic Grinding Fluid

Manufacturer: Hartland Lubricants & Chemicals

914 Commercial Court

PO Box 809

Onalaska, WI 54650

608-779-6353

Distributor: Goodson Tools and Supplies

156 Galewski Drive

Winona, MN 55987

507-452-1830 or 800-533-8010

Emergency Phone: 800-924-6804 (24 hours)

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS #</u>	<u>Weight</u>
Water	7732-18-5	60-80%
*Ethanol, 2, 2', 2" -Nitrilotris -(Common Name: Triethanolamine)	102-71-6	10-30%
Boric Acid (H3BO3), COMPD.with Alkanolamines	Proprietary	10-30%
Carboxylic Acids, DI-, C6-12, COMPDS. with Alkanolamines	Proprietary	3-7%
*2-Propanol, 1,1'-IMINOBIIS- (Common Name: Diisopropanolamine)	110-97-4	1-5%

*This chemical(s) is hazardous according to OSHA / WHIMIS criteria

COMPOSITION COMMENTS: Refer to section 8 for exposure limits on ingredients. Chemical ingredients not regulated by OSHA, SARA, State or Federal agencies are treated confidentially.

3. HAZARDS IDENTIFICATION

Health Hazards, General: Prolonged exposure to product mist or vapors may cause respiratory irritation.

Sensitization: No known information.

Carcinogenicity: IARC: Not listed as a Group 1, 2A or 2B agent. OSHA: Not Regulated

NTP: Not listed

Teratogenicity: No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

HEALTH WARNINGS:

Inhalation: Inhalation of product vapor or mist may cause irritation of mucous membranes in nasal passages and throat.

Skin Contact: Slightly irritating. Repeated or prolonged contact can result in drying of the skin.

Eye Contact: Liquid, vapor and mists may cause discomfort in the eye with severe transient conjunctivitis. Serious corneal injury is not anticipated.

Ingestion: Can cause stomach ache and vomiting. Main hazard, if ingested, is aspiration into the lungs and subsequent pneumonitis.

Routes of Entry: Inhalation, Ingestion, Skin and/or Eye contact.

4. FIRST AID MEASURES

Inhalation: Remove victim immediately from source of exposure. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Perform artificial respiration if breathing has stopped. Get medical attention.

Eyes: Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Ingestion: **DO NOT INDUCE VOMITING!** Administer large amounts of water. Get medical attention immediately! Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point: >100°C (212°F) Cd OC (Cleveland Open Cup)

Flammability Limit-Lower (%): N/D

Flammability Limit-Upper (%): N/D

Extinguishing Media: Foam, Carbon dioxide (CO₂), Dry chemicals, sand, dolomite, etc.

Special Fire Fighting Procedures: Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to nonflammable mixtures. Keep run-off water out of sewers and water sources. Dike for water control. Avoid water in straight hose stream, will scatter and spread fire.

Unusual Fire & Explosion Hazards: Pressure will increase in over heated closed containers.

Hazardous Combustion Products: Acrid smoke / fumes. Oxides of Carbon and Nitrogen.

Protective measures in Case of Fire: Self contained breathing equipment and chemical resistant clothing recommended.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Minimize skin contact.

Precautions to Protect the Environment: Keep product out of sewers and watercourses by diking or impounding.

Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

Spill Clean-up Procedures: Contain spill. Absorb small amounts. Collect and return large amounts to shipping container. Rinse area with water.

7. HANDLING AND STORAGE

Handling Precautions: Keep lid closed when not in use. Do not reuse container. Avoid spilling, skin and eye contact. Eye wash and emergency shower must be available at the work place. Do not store or mix with strong oxidizers. Product contains amines, do not mix with nitrites. Do not add nitrites or other nitrosating agents. Nitrosamines, which may cause cancer, may be formed.

Storage Precautions: Store separate from strong acids and oxidizers.

Storage Criteria: Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	STD	TWA	STEL	TWA	STEL
Ethanol, 2, 2', 2''-Nitrilotris	OSHA			N/E	N/E
(Common Name: Triethanolamine)	ACGIH			5mg/m3	N/E

Engineering Controls: Use engineering controls to reduce air contamination to permissible exposure level.

Ventilation: No specific recommendation made, but respiratory protection may still be required if air contamination exceeds acceptable level.

Respirators: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Protective Gloves: For prolonged or repeated skin contact, use suitable protective gloves. Use protective gloves made of

neoprene, nitrile, polyethylene or PVC.

Eye Protection: Wear splash-proof eye goggles to prevent any possibility of eye contact.

Protective Clothing: Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygienic Work Practices: Wash at the end of each work shift and before eating, smoking and using the toilet.

Protective Equipment: Wear protective Gloves and Eyewear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Physical State: Liquid

Odor: Amine

Boiling Point (°C Range): 100° (212°F)

Melt / Freeze Point (°C, Interval): 0° (32°F)

Temperature (°C): 15.6 (60°F)

Evaporation Rate: <1

pH-Value, Conc. Solution: 10.2

Concentration % M: @5%

Color: Yellow or Blue

Solubility Description: Soluble in water

Pressure: 760mmHg

Density: 1.08

Vapor Density (Air=1): >1

Reference: BuAc=1

pH-Value, Diluted Solution: 9.6

10. STABILITY AND REACTIVITY

Stability: Normally stable

Conditions to Avoid: Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidizers.

Hazardous Polymerization: Will not occur.

Polymerization Description: Not applicable.

Hazardous Decomposition Products: Oxides of Carbon and Nitrogen.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: No experimental toxicological data on the preparation as such is available.

12. ECOLOGICAL INFORMATION

Ecological Information: There is no ecological data on the product itself.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT Hazard Class: Not regulated

Sea Transport Notes: Not regulated per IMDG

Air Transport Notes: Not regulated per IATA

15. REGULATORY INFORMATION

US Federal Regulations: Component

2-Propanol, 1, 1'-Iminobis (Common Name: Diisopropanolamine)

Ethanol, 2,2'-2"-Nitrilotris (Common Name: Triethanolamine)

Boric Acid (H3BO3), COMPD. With Alkanolamines

Carboxylic Acids, DI-, C6-12, CMPLDS. With Alkanolamines

SARA 302

No

No

No

No

CERCLA

No

No

No

No

SARA 313

No

No

No

No

SARA HAZARD CATEGORIES: Acute Chronic

US State Regulations: By Component

	CA	MA	FL	MN	NJ	PA	RI
Ethanol, 2, 2', 2"-Nitrilotris		Yes	Yes			HS	Yes

(Common Name: Triethanolamine)

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS): Not a controlled product

Inventories: Component

	CAN	US	EU	AUS	JAP	KOR	PHLP	CHN
Ethanol, 2,2',2"-Nitrilotris	DSL	Yes	EINECS	Yes	Yes	Yes	Yes	Yes

(Common Name: Triethanolamine)

Boric Acid (H3BO3), COMPD.

Excluded

PRTR1

With Alkanolamines

Carboxylic Acids, DI-,C6-12, CMPLDS.

Excluded

Salt

With Alkanolamines

2-Propanol, 1,1'-Iminobis

DSL

Yes

EINECS

Yes

Yes

Yes

Yes

(Common Name: Diisopropanolamine)

Notice: This product contains substances that are excluded from the TSCA Inventory by the Physicochemical Exclusion under 40 CFR 710.4(d)(7).(d) Chemical substances excluded from the inventory. (7) Any chemical substance which results from a chemical reaction that occurs when a chemical substance, solely intended to impart a specific physicochemical characteristic, functions as intended.

16. OTHER INFORMATION

NFPA-HMIS: HEALTH Irritation, minor residual injury (1) - HMIS / NFPA

NFPA-HMIS: FLAMMABILITY Burns only if pre-heated (1) - HMIS / NFPA

NFPA-HMIS: REACTIVITY Normally stable (0) - HMIS / NFPA

HMIS PERSON PROTECTION INDEX B - Safety Eyewear and Gloves.

While the information and recommendations set forth herein are believed to be accurate as of the date thereof, we make no warranty with respect thereto and disclaim all liability from reliance therein.

Safety Data Sheet

Detergent Amber

Complies with OSHA's Hazard Communication Standard 29
CFR 1910.1200.

Preparation: August 2013
Review / Revised: May 2014

SGC-10, 50 = Surface Grinder Coolant, 1 and 5 Gallon

Two part SDS

1. IDENTIFICATION

Part No. & Description: 14650, Detergent Amber

Chemical Name: Blend

Manufacturer: CHEMCENTRAL Corporation
Dye & Pigment Division
13395 Huron River Dr
Romulus, MI 48174
734-941-8235

Chemical Family: Mixture

Distributor: Goodson Tools & Supplies
156 Galewski Drive
Winona, MN 55987
507-452-1830 or 800-533-8010

Emergency Telephone: 800-924-6804 (24 hours)

2. HAZARDOUS INGREDIENTS

<u>Hazardous Ingredient</u>	<u>Percent</u>	<u>CAS Number</u>	<u>PEL</u>
Acid Violet 17	<1%	4129-84-4	

None as per 29CFR part
1910.1200 or Sara Title III

HMIS HAZARD RATINGS (if applicable):

3. PHYSICAL DATA

Appearance: Brown powder, no characteristic odor.

Boiling Point: N/A

Melting Point: N/A

Freezing Point: N/A

Vapor Pressure: N/A

Vapor Density (Air = 1): N/A

Specific Gravity: Approximately 1

pH: N/A

Solubility in Water: Complete

Volatility: N/A

4. FIRE AND EXPLOSION HAZARD

Flash Point: N/A

Extinguishing Media: Water fog, CO₂, or Dry chemical.

Fire Fight Procedures: Fire fighters should be equipped with self contained breathing apparatus and turnout gear.

Unusual Fire Hazard: Adequate ventilation and clean up must be maintained to minimize dust accumulation. May form explosive dust/air mixture.

5. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: N/A

Hazardous Polymerization: Does not occur

Polymerization to Avoid: N/A

Incompatibility: Unknown

Decomposition: Carbon monoxide, Carbon dioxide, and oxides of Nitrogen.

6. HEALTH DATA

Threshold Limit Value: Not established.

Over Exposure Effects: Contact with eyes may result in severe irritation.
Contact with skin may result in irritation.
Ingestion may result in gastric disturbances.
Inhalation of dust may irritate respiratory tract.

7. FIRST AID

First Aid Procedures: Flush eyes with flowing water at least 15 minutes. If irritation develops, consult a physician. Wash affected skin areas thoroughly with soap and water. If irritation develops, consult a physician. Remove and launder contaminated clothing before reuse.

If swallowed, dilute with water and induce vomiting. Get immediate medical attention. If inhaled, move to fresh air. Aid in breathing, if necessary, and get medical attention.

****NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.****

8. EMPLOYEE PROTECTION

Respiratory Protection: NIOSH/OSHA approved dust respirator as necessary.

Protective Gloves: To prevent skin contact.

Eye Protection: Goggles

Additional Measures: Eye wash fountains should be easily accessible.

Handling and Storage: Keep away from excessive heat and moisture. Keep containers closed.

Ventilation: Local exhaust to control dusts.

9. SPILL AND DISPOSAL DATA

Spill: Spills should be contained and placed in suitable containers.

Waste Disposal: Do not discharge into sewers or waterways. Dispose of in accordance with local regulations.

10. TRANSPORTATION DATA

Proper Shipping Name: Ink Material

Hazard Class and Label: MFR Label only

UN Number: N/A

Reportable Quantity: N/A

For additional information:

Contact: SDS Coordinator - Univar USA

During business hours, Pacific Time - (425) 889-3400

NOTICE:

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Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. For product specification information refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from Univar USA Sales Office.

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