



SAFETY DATA SHEET

Issuing Date 10-Nov-2014

Revision Date 27-APR-2023

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name Cutting Grinding Oil

Other means of identification

Product Code(s) CG-13BK, CG-18, CG-18BK, CG-55, TE-4, CE-13

Synonyms Cutting Grinding Oil

Recommended use of the chemical and restrictions on use

Recommended Use A water-soluble oil for grinding, drilling, machining and cooling. One gallon can make up to 40 gallons of cutting oil. Cutting and Grinding Oil forms a very stable emulsion with excellent rust protection. The emulsion stability promotes rapid settling of grinding dirt. This formulation resists bacterial growth and reduces odor problems.

Uses advised against No information available

Supplier's details

Supplier Address
AGS Company
P.O. Box 729
Muskegon, MI
49443
TEL: 800-253-0403

Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.
24 Hour Emergency Contact 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

| | |
|-----------------------------------|-------------|
| Serious Eye Damage/Eye Irritation | Category 2 |
| Carcinogenicity | Category 1A |

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word Danger

Hazard Statements

- Causes serious eye irritation
- May cause cancer



Appearance Clear, Cloudy White, Dark amber.

Physical State Liquid.

Odor Petroleum.

Precautionary Statements**Prevention**

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Wash face, hands and any exposed skin thoroughly after handling.
- Wear eye/face protection.

General Advice

- If exposed or concerned: Get medical attention/advice

Eyes

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.

Storage

- Store locked up.

Disposal

- Dispose of contents/container to an approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)

Not applicable.

Other information

Prolonged or repeated contact may dry skin and cause irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms

Cutting Grinding Oil

| Chemical Name | CAS-No | Weight % | Trade secret |
|------------------------------------------------------|------------|----------|--------------|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | 60-100 | * |
| Sulfonic acids, petroleum, sodium salts | 68608-26-4 | 15-40 | * |
| 2-Butoxyethanol | 111-76-2 | 0.1-1 | * |

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

4. FIRST AID MEASURES

Description of necessary first-aid measures

| | |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Eye Contact | Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist. |
| Skin Contact | Wash off immediately with soap and plenty of water. If symptoms persist, call a physician. |
| Inhalation | Move to fresh air. |
| Ingestion | Clean mouth with water and afterwards drink plenty of water. |

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects No information available

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media No information available

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-----------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 2-Butoxyethanol 111-76-2 | TWA: 20 ppm | TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S* | IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³ |

Appropriate engineering controls

| | |
|-----------------------------|----------------------------------------------------|
| Engineering Measures | Showers Eyewash stations Ventilation systems |
|-----------------------------|----------------------------------------------------|

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/Face Protection | If splashes are likely to occur, wear: Tightly fitting safety goggles. |
| Skin and Body Protection | No special protective equipment required. |
| Respiratory Protection | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |

| | |
|-------------------------|------------------------------------------------------------------------|
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practice. |
|-------------------------|------------------------------------------------------------------------|

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|------------|-----------------------|----------------------------------|
| Physical State | Liquid. | Appearance | Clear, Cloudy White, Dark amber. |
| Odor | Petroleum. | Odor Threshold | No information available. |

| <u>Property</u> | <u>Values</u> | <u>Remarks/ - Method</u> |
|----------------------------------------|-------------------|--------------------------|
| pH | @ 5%: 8 - 9 | None known |
| Melting Point/Range | Not determined | None known |
| Boiling Point/Boiling Range | > 500 °F | None known |
| Flash Point | > 350 °F | None known |
| Evaporation rate | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limits in Air | | |
| upper flammability limit | No data available | |
| lower flammability limit | No data available | |
| Vapor Pressure | No data available | None known |
| Vapor Density | No data available | None known |
| Specific Gravity | 0.93 at 60°F | None known |
| Water Solubility | Emulsifies | None known |
| Solubility in other solvents | No data available | None known |
| Partition coefficient: n-octanol/water | Negligible | None known |
| Autoignition Temperature | No data available | None known |
| Decomposition Temperature | No data available | None known |
| Viscosity | >100 SUS @ 100 °F | None known |

Flammable Properties Not flammable

Explosive Properties No data available

Oxidizing Properties No data available

Other information

VOC Content (%) Not determined

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|--------------------------------------------------------------------------------------------------------|
| Inhalation | There is no data available for this product. |
| Eye Contact | Contact with eyes may cause serious eye irritation based on the components present within the product. |
| Skin Contact | There is no data available for this product. |
| Ingestion | There is no data available for this product. |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization No information available
Mutagenic Effects No information available
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|------------------------------------------------------|-------|---------|-------|------|
| Petroleum distillates, hydrotreated heavy naphthenic | A2 | Group 1 | Known | X |
| 2-Butoxyethanol | A3 | Group 3 | | |

Reproductive Toxicity No information available
STOT - single exposure No information available
STOT - repeated exposure No information available
Aspiration Hazard No information available.

Numerical measures of toxicity - Product

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral 27260 mg/kg; Acute toxicity estimate

12. ECOLOGICAL INFORMATION**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|-----------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------|
| Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 | | LC50 96 h: > 5000 mg/L (Oncorhynchus mykiss) | | EC50 48 h: > 1000 mg/L (Daphnia magna) |
| 2-Butoxyethanol 111-76-2 | | LC50 96 h: = 1490 mg/L static (Lepomis macrochirus) LC50 96 h: = 2950 mg/L (Lepomis macrochirus) | | EC50 24 h: 1698 - 1940 mg/L (Daphnia magna) EC50 48 h: > 1000 mg/L (Daphnia magna) |

Persistence and Degradability No information available

Bioaccumulation

| Chemical Name | Log Pow |
|-----------------|---------|
| 2-Butoxyethanol | 0.81 |

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS**Waste Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION**International Inventories**

TSCA Contact supplier for inventory compliance status
DSL/NDSL Contact supplier for inventory compliance status

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical Name | CAS-No | Weight % | SARA 313 - Threshold Values % |
|-----------------|----------|----------|-------------------------------|
| 2-Butoxyethanol | 111-76-2 | 1 | 1.0 |

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
Chronic Health Hazard Yes
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|------------------------------------------------------|------------|---------------|--------------|----------|--------------|
| Petroleum distillates, hydrotreated heavy naphthenic | | | | X | |
| 2-Butoxyethanol | X | X | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA Health Hazard 1 Flammability 0 Instability 0 Physical and Chemical Hazards -

HMIS Health Hazard 1* Flammability 0 Physical Hazard 0 Personal Protection X

*Indicates a chronic health hazard.

Prepared By Product Stewardship
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Latham, NY 12110
1-800-572-6501
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General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet