

Revision Date Jan-2014

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

GHS product identifier : Premium AquaGlide™ 224
 Code : 4224A
 Product type : Liquid.
 CAS Registry Number : Not applicable for mixtures
 Chemical Family : Alkanolamide

Identified uses

Water Soluble Cutting and Grinding Coolant

Details of the supplier of the safety data sheet

Manufacturer Address : U.S. Lubricants, A Division of U.S. Venture, Inc.
 425 Better Way
 Appleton, WI 54915

Emergency telephone number

Company Phone Number 800-490-4900
 24 Hour Emergency Phone Number 800-688-4005 DTCG84-01-A-900043

2. HAZARDS IDENTIFICATION

Principal Hazard(s):

- Contains amines
- Avoid breathing mists or vapors
- Avoid prolonged or repeated skin contact

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS #	OSHA PeI	ACGIH TLV	%
None				

4. FIRST AID MEASURES

Description of necessary first aid measures

Oral : **DO NOT induce vomiting.** Get immediate medical attention

Eye : Flush eye(s) with water for at least 15 minutes or until irritation subsides. Get medical attention if eye irritation develops or persists

Skin : Wash with soap and water. Immediately remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before re-use.

Inhalation : Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If adverse effects are observed, remove exposed person to fresh air. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If overexposed to oil mist, remove from further exposure until excessive oil mist subsides.

5. FIRE-FIGHTING MEASURES

- Flash Point** : 390 degrees F, COC Typ.
- Upper Flammable Limit** : Not determined
- Lower Flammable Limit** : Not determined
- Extinguishing Media** : Carbon Dioxide, dry chemical, water spray (fog) and foam. Note: water, water fog and foam may cause frothing and spattering.
- Special Firefighting Procedures** : Wear self-contained breathing apparatus. Avoid breathing fumes and vapors. Use water spray (fog) to cool containers exposed to high heat or open flames.
- Unusual Fire and Explosion Hazards** : Empty containers contain residue and/or vapors. DO NOT WELD, CUT, PRESSURIZE, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, SPARKS, FLAME, STATIC ELECTRICITY OR OTHER SUCH SOURCES OF IGNITION. Keep empty containers closed and dispose of in an environmentally safe manner and in accordance with all government regulations.
- Auto-ignition Temperature** : Not determined

6. ACCIDENTAL RELEASE MEASURES

- Spill Procedures** : Evacuate all non-essential personal. Personal Protective Equipment must be worn (see Personal Protection Section for PPE recommendations). Remove sources of ignition. Ventilate spill area. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Assure conformity with applicable Federal, state and local regulations.

7. HANDLING AND STORAGE

- Handling Procedures** : Keep away from potential sources of ignition. Avoid breathing vapors if present. Keep containers closed when not in use. Wash thoroughly after handling. Make sure that proper warning labels are affixed in accordance with 29 CFR 1910.1200. Use good personal hygiene around product. Do not smoke or eat around product.
- Storage Procedures:** : Do not store near potential sources of ignition. Store in a well-ventilated area. Store in a dry area. Do not store around food or eating areas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Ventilation Procedures** : Use material in well ventilated areas only. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.
- Glove Protection** : Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact.
- Eye Protection** : Safety glasses recommended. Use splash goggles or face shield when eye contact may occur.
- Respiratory Protection** : Under normal conditions, respirator is not usually required. Use NIOSH/MSHA approved disposable dust/mist mask if the recommended exposure limit is exceeded.

Clothing Recommendation : Use a chemical resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Light amber colored liquid
Specific Gravity : 1.01
Viscosity : Not determined
Odor : Typical Amine Odor
pH : 8.0 - 8.8
Odor Threshold : Not determined
Water Solubility : Complete
Vapor Pressure : Not determined
Vapor Density (Air = 1) : Greater than 5
Evaporation Rate : Not determined
Pour or Melting Point : 32 F
Boiling Point : IBP approx. 212 F
Percent Volatile : Not determined
Molecular Weight : Not determined

10. STABILITY AND REACTIVITY

Stability : Material is normally stable at room temperature and pressure. See the Handling and Storage Section for further details.
Incompatibility : Strong oxidizing agents.
Hazardous Polymerization : Will not occur.
Thermal Decomposition : Fumes, smoke, carbon monoxide, and other decomposition products, in the case of incomplete combustion.

11. TOXICOLOGICAL INFORMATION

Oral Toxicity : Not Determined.
Eye Irritation : Product contacting eyes may cause eye irritation.
Skin Irritation : May cause skin irritation. Prolonged or repeated contact may cause dermatitis. Symptoms may include redness, edema, drying, defatting and cracking of skin.
Dermal Toxicity : Not Determined.
Inhalation Toxicity : Not Determined.
Respiratory Irritation : If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.
Dermal Sensitivity : No data available to indicate product or components may be skin sensitizer.
Inhalation Sensitivity : No data given to indicate product or components may be respiratory sensitizer.
Chronic Toxicity : Not Determined.
Carcinogenicity : The components of this product has not been found to be a carcinogen under either NTP, IARC Monographs or current OSHA regulations.

Other : Under conditions which may generate mists, observe the OSHA PEL 5 mg/m³.

12. ECOLOGICAL INFORMATION

No Data Given.

13. DISPOSAL CONSIDERATIONS

This product is not considered a hazardous waste under current RCRA regulations. After use, it is the responsibility of the user to determine the products status for disposal. This product can be incinerated, if practical, or recycled.

14. TRANSPORT INFORMATION

U. S. DOT Shipping Name: : Not regulated by DOT
Hazard Class: : Not applicable
DOT Identification Number: : Not applicable
DOT Shipping Label: : Not regulated by DOT

15. REGULATORY INFORMATION

U. S. TSCA Inventory: : All components of this product are listed on the TSCA Inventory.
SARA 302 Threshold Planning Quantity: : No RQ for product or any constituent greater than 1.0% or 0.1% (carcinogen).
SARA 304 Reportable Qty: : No RQ for product or any constituent greater than 1.0% or 0.1% carcinogen).

SARA 311 Categories: EPA Hazard Classification Code

Acute	Chronic	Fire	Pressure	Reactivity
No	No	No	No	No

SARA 313 Supplier Notification: : This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substances) of any chemical substances listed under SARA Section 313.
CERCLA Hazardous Substances: : No chemicals in this product are subject to the reporting requirements of CERCLA.

16. OTHER INFORMATION

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)**HEALTH = 1 FIRE = 1 REACTIVITY = 0 PP = B****Rating:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Extreme**History****Date of issue mm/dd/yyyy** : 01/2014**Prepared by** : US Lubricants**Disclaimer**

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End of Safety Data Sheet