

THIS MATERIAL SAFETY DATA SHEET MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200 AND ANSI Z400-1-1998.

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1. PRODUCT AND COMPANY IDENTIFICATION:

10/23/08

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PRODUCT CODE: HO-74 VALUGARD H-114  
TRADE NAME: GLASS CLEANER CONCENTRATE 10:1  
PRODUCT DESCRIPTION: MIXTURE  
GENERAL USE: GLASS CLEANER

MANUFACTURER: AUTOMOTIVE INTERNATIONAL  
ADDRESS: 8855 Blue Ash Road  
CINCINNATI, OHIO 45242  
PHONE NUMBER: (513) 489-7883 (8am-5pm m-f)  
FAX NUMBER: (513) 489-1329  
CHEMTREC: (800) 424-9300 (24 HOUR)  
OUTSIDE U.S. (703) 527-3887

2. COMPOSITION INFORMATION ON INGREDIENTS:

COMPONENT	CAS#	WT%
ISOPROPYL ALCOHOL	67-63-0	35.0-48.0
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	1-10.0

HAZARDOUS COMPONENTS (OSHA 29CFR 1910.1200)  
ISOPROPYL ALCOHOL OSHA PEL & ACGIH 400 PPM

VOC COMPLIANT: 11/29/04

3. HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW: Non-viscous clear blue liquid with an alcohol odor.  
Irritating to eyes on contact.  
INHALATION: None known.  
EYE CONTACT: Irritation and redness.  
SKIN CONTACT: Irritation, redness and dryness.  
INGESTION: Irritation, & nausea.  
CHRONIC: None known

4. FIRST AID MEASURES:

INHALATION: None known.  
EYE CONTACT: Rinse with water for 15 minutes. Get medical attention.  
SKIN CONTACT: Wash with soap and water. Rinse thoroughly.  
INGESTION: Do not induce vomiting. Get medical attention.  
POTENTIAL ENVIRONMENTAL EFFECTS: None known

5. FIRE FIGHTING MEASURES:

Flashpoint and Method: 54°F (12.2°C) (TCC)  
Flammable Limits: Not Available  
Auto-ignition Temperature: Not Available

HAZARDOUS COMBUSTION PRODUCTS: Possible oxides of carbon.  
FIRE FIGHTING INSTRUCTIONS: Use water mist to cool fire exposed drum if exposed to high heat.  
FIRE FIGHTING EQUIPMENT: Bunker gear and SCBA.

6. ACCIDENTAL RELEASE MEASURES:

LAND SPILL: Avoid runoff into storm sewers or ditches by containment with sand or absorbent material.

WATER SPILL: Remove from with suitable absorbent material.

7. HANDLING AND STORAGE:

HANDLING - TAKE NORMAL CARE TO PREVENT PROLONGED SKIN CONTACT.

STORAGE - KEEP FROM FREEZING OR FROM HEATING ABOVE 110°F. STORE IN ORIGINAL CONTAINER.

8. EXPOSURE CONTROL/PERSONAL PROTECTION:

ENGINEERING CONTROLS: The use of mechanical ventilation is not needed under normal conditions.

PERSONAL PROTECTION: Not need under normal conditions. However for prolonged contact use rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES:

VAPOR PRESSURE: Not Determined

SPECIFIC GRAVITY: 0.9 @ 70°F

SOLUBILITY IN WATER: COMPLETELY

PH: 7.5 - 8.5

BOILING POINT: Not Available

VISCOSITY: Not Applicable

EVAPORATION RATE: .1 (n-Butyl Acetate=1)

FREEZING POINT: Not Available

ODOR: alcohol

APPEARANCE: Non-viscous clear blue liquid

PHYSICAL STATE: Liquid

FLASH POINT: 54°F (12.2°C) (TCC)

VOC%: 362.8 (Concentrate) g/Liter(Calculated) 10:1 dilution ratio

10. STABILITY AND REACTIVITY:

GENERAL: This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Open Flame

HAZARDOUS DECOMPOSITION: Oxides of carbon

11. TOXICOLOGICAL INFORMATION: The complete toxicological data for each ingredient is beyond the scope of this document.

12. ECOLOGICAL INFORMATION:

ECOTOXICOLOGICAL INFORMATION: None available.

13. DISPOSAL CONSIDERATION:

Please refer to Sections 5,6, and 15 for disposal and regulatory information.

14. TRANSPORTATION INFORMATION:

DOT Shipping description: Flammable Liquid 3 UN1993 III

15. REGULATORY INFORMATION:

TSCA (Toxic Substance Control Act): All components are listed on the TSCA.

CERCLA: Not reportable

SARA Title III: No known reportable ingredients.

16. OTHER INFORMATION:

NFPA RATING: Health-1, Fire-2, Reactivity-0

KEY: 4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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