

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.

1. PRODUCT AND COMPANY IDENTIFICATION:

1/11/2013

PRODUCT CODE: HO-73 VG-H114
TRADE NAME: GLASS CLEANER (RTU) VALUGARD
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	1-10
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	.1-1.0

HAZARDOUS COMPONENTS (OSHA 29CFR 1910.1200)

ISOPROPYL ALCOHOL OSHA PEL & ACGIH 400 PPM

VOC COMPLIANT: 11/29/05

3. HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW: Non-viscous clear light blue liquid with a mild alcohol odor.

Irritating to eyes on contact.

INHALATION: None known.

EYE CONTACT: Irritation and redness.

SKIN CONTACT: None known.

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: None known.

INGESTION: Do not induce vomiting. Get medical attention.

POTENTIAL ENVIRONMENTAL EFFECTS: NONE KNOWN

5. FIRE FIGHTING MEASURES:

Flashpoint and Method: Will not flash

Flammable Limits: Not Available

Auto-ignition Temperature: Not Available

HAZARDOUS COMBUSTION PRODUCTS: Possible oxides of carbon.

FIRE FIGHTING INSTRUCTIONS: None known.

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 120°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 the use of rubber gloves is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES:

VAPOR PRESSURE: Not Determined

SPECIFIC GRAVITY: .96 @ 70°F

SOLUBILITY IN WATER: Completely

PH: 6.7 - 7.0

BOILING POINT: Not Available

VISCOSITY: Not applicable

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

FREEZING POINT: Not Available

ODOR: Mild alcohol

APPEARANCE: Non-viscous clear blue liquid.

PHYSICAL STATE: Liquid

FLASH POINT: Will not flash

VOC%: 32.9 g/Liter (Calculated)

10. STABILITY AND REACTIVITY:

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

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: None known

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: N/A

13. DISPOSAL CONSIDERATION:

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

14. TRANSPORTATION INFORMATION:

DOT Shipping description: Unrestricted/non-regulated

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-0, Reactivity-0

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

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VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSON PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED. FURTHERMORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.