

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:
Revised: April 2, 2004

10/23/08

PRODUCT CODE: VG-112A
TRADE NAME: ValuGard Carpet & Upholstery Cleaner
PRODUCT DESCRIPTION: Aerosol Cleaner
GENERAL USE: Automotive Cleaning

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
OUTSIDE U.S.

2. COMPOSITION INFORMATION ON INGREDIENTS:

COMPONENT	CAS#	WT%
01 - Propane/Isobutane/N-Butane	68476-86-8	5 - 10%
02 - Propylene Glycol N-Butyl Ether	5131-66-8	1 - 5%

EXPOSURE LIMITS

01 - 800 PPM TLV TWA 800PPM PEL-TWA
02 - N.E.

3. HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW: May be irritating to eyes and respiratory tract with prolonged contact. Vapors may cause flash fire or explosion.

INHALATION: Headaches, dizziness, nausea, decreased blood pressure. Cyanosis may result from over exposure. Prolonged inhalation may be harmful.

EYE CONTACT: Can be irritating and cause pain, tearing, reddening and swelling or stinging.

SKIN CONTACT: Prolonged contact can result in defatting and drying of skin. Dermatitis.

INGESTION: May be harmful or fatal if swallowed. May cause permanent damage to mouth, throat, stomach.

CHRONIC: Overexposure may cause lung, nervous system, or kidney damage. Primary route (s) of entry. Skin, Inhalation, Eye.

ID MEASURES:

4. FIRST **INHALATION**: Remove to fresh air. If not breathing give artificial respiration. Get medical attention.

EYE CONTACT: Immediately flush with plenty of water. Get medical attention if irritation persists.

SKIN CONTACT: Flush with water. Get medical attention.

INGESTION:

5. FIRE FIGHTING MEASURES:

Flashpoint and Method: -156 f P-M c.c. Lower explosion limits: 1.1 %
Flammable Limits: Upper explosion limits: 9.5 %
Autoignition Temperature: ND

FIRE FIGHTING INSTRUCTIONS: Use water mist to cool fire exposed drum or container. Vapors can travel. EMPTY containers can be dangerous. Do not expose to fire or flame, they may explode. Containers can build up pressure.

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 may be necessary.

PERSONAL PROTECTION: Wear safety glasses. Where contact is likely wear rubber gloves. Wash hands before eating. Remove contaminated clothes. Use in well ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES:

VAPOR PRESSURE: 30 -40

SPECIFIC GRAVITY: 0.9624

SOLUBILITY IN WATER: Complete

PH: N.A.

BOILING POINT: -43 - 388 f

VISCOSITY: NA

EVAPORATION RATE: Is faster than Butyl Acetate.

FREEZING POINT: 32 f

ODOR: Spearmint

APPEARANCE: Clear to light yellow

PHYSICAL STATE: Liquid

FLASH POINT: -156 f

VOC%: 0 g/Liter 0.56 lbs./gal. (Calculated)

10. STABILITY AND REACTIVITY:

GENERAL: Keep from all sources of ignition, welding, and open flames.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Strong acids, oxidizers and amines.

HAZARDOUS DECOMPOSITION: Oxides of carbon, oxides of nitrogen, and may produce forms of chloride, chlorine, and phosgene.

Hazardous polymerization: Will not occur.

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

12. ECOLOGICAL INFORMATION: None known.

13. DISPOSAL CONSIDERATION: Dispose in accordance with all state, federal, and local laws.

14. TRANSPORTATION INFORMATION:

DOT Shipping description: Aerosol - Consumer Commodity

DOT Technical name: ORM-D

DOT Hazard Class: 2.1

DOT UN/NA Number UN1950

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.

No proposition 65 chemicals exist in this product.

16. OTHER INFORMATION:

NFPA RATING: Health-1, Fire-4, Reactivity-0

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

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