


1. Product and Manufacturer Identification

Product Name: **Volatile Solvent**
 Product Use: Professional spot remover
 Manufacturer: Racine Industries, Inc.
 1405 Sixteenth Street
 Racine, WI 53403 USA
 Tel: 1-262-637-4491;
 1-800-558-9439

EU Contact: Host UK Ltd t/a Host von Schrader
 Unit 9 Parkway Business Centre
 Sixth Avenue, Zone 2 Deeside Industrial Park
 Deeside, CH5 2LD
 Tel – 01244-289256 (8-5 GMT)
 Email – info@hostvs.co.uk
 Web - www.hostvonschrader.co.uk

Emergency contact after hours: Marc @ 1-815-382-8238
 (8am-4:30pm CST) msiwek@hostdry.com
 or Greg @ 1-262-681-7431

2. Hazard Identification

Emergency Overview: Irritant (Xi) 
 Potential Health Hazards:
 SKIN: Prolonged exposure may cause skin irritation or rash. (R38)
 EYES: Contact with eyes may cause mild irritation. (R36)
 INHALATION: High concentrations are irritating to the respiratory tract and may cause headache, dizziness, nausea, vomiting or narcosis (anesthetic like effects). Chronic overexposure may cause adverse effects in the liver, lung, reproductive system and kidney. (R40)
 INGESTION: Low order of toxicity. May cause mild nausea and abdominal discomfort.

3. Composition/ Information On Hazardous Ingredients

Ingredient Name	CAS #	Weight %
n-Propyl Bromide	106-94-5	>90%
1,2-Butylene Oxide	106-88-7	<2.0%

4. First Aid Measures

SKIN: Remove contaminated clothing. Thoroughly wash affected area with soap and water; use skin cream if irritation is severe.
 EYES: Check and remove contact lenses. Immediately rinse with water for 15 minutes . Seek medical attention if irritation persists.
 INHALATION: Remove to fresh air. If breathing is difficult, administer oxygen. If victim is not breathing, perform mouth-to-mouth respiration. Get medical attention.
 INGESTION: DO NOT INDUCE VOMITING. Seek immediate medical attention.

5. Fire Fighting Measures

Flammable Properties:
 Flash Point: Noncombustible
 Extinguishing Media: Use dry chemical, chemical foam, or carbon dioxide as dictated by the surrounding circumstances. Unusual Fire And
 Explosion Hazards: In fires, toxic and corrosive gases may be released. Vapor will form a flammable mixture in a narrow concentration range of 3.0%-9.0% by volume in air.
 Special Fire Fighting Procedures: Wear NIOSH-approved self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Spill And Leak Procedures: Absorb with an inert material and put spilled material in a container for disposal. Keep out of sewers, soil, and surface water. For large spills, evacuate and ventilate the area. Wear self contained breathing apparatus and recommended PPE. Observe government regulations.

7. Handling And Storage

Handling Procedures: Keep in original container.
 Storage Procedures: Store in well ventilated, cool ,dry area. KEEP OUT OF THE REACH OF CHILDREN. (S2) Keep locked up. Keep container closed when not in use.

8. Exposure Controls/ Personal Protection

Exposure Guidelines

Ingredient name	ACGIH TLV	M-TWA:	OSHA:
n-Propyl Bromide	10 ppm	325ppm	Not Established
1,2-Butylene Oxide	Not Established	Not Established	Not Established

 Engineering Controls: Use general ventilation. Dilution ventilation is necessary for enclosed spaces.
 Personal Protective Equipment:
 Skin Protection: Chemical resistant gloves, like nitrile, PVA or viton. Do not use natural rubber gloves.
 Eye Protection: Always use safety glasses or full face shield.
 Respiratory Protection: If ventilation is not adequate then use a NIOSH-approved respirator with an organic vapor cartridge.

9. Physical And Chemical Properties

Appearance:	Clear colorless liquid	% VOC:	0%
Odor:	Mildly sweet odor.	Vapor Pressure:	139-mmHg @25°C
pH:	Not applicable	Vapor Density:	4.3
Specific Gravity:	1.26 to 1.31	Water Solubility:	Negligible

10. Stability And Reactivity

Chemical Stability:	Stable
Incompatibility:	Strong alkalis, oxidizers, bases, reactive metals and natural rubber
Hazardous Decomposition:	Thermal decomposition will release carbon monoxide, carbon dioxide and hydrogen bromide.
Hazardous Polymerization:	Will not occur

11. Toxicological Information

n-Propyl bromide:	LD50 oral/rat= 4,260mg/kg; LC50 rat=253,000 mg/m ³ /0.5 hour; Reproductive- Male: BMDL of reduced sperm mobility F0 at 282ppm-rat inhalation*; Female: LOAEL of increased estrous cycle length at 250ppm- rat inhalation* (*USEPA SNAP Proposal conclusions based on outcome of Wil(2001)). Carcinogenicity: IARC: not listed.
1,2-Butylene Oxide	LD50 oral/rat = 500mg/kg, LD50 dermal rabbit = 2100 ul/kg; LC50: Inhalation/Rat = 6300mg/m ³ -4 hour; Carcinogenicity: IARC:2B.

12. Ecological Information

Ecotoxicological Information: And Environmental Fate: The Ozone Depletion Potential of n-propyl bromide has been determined to be in the range of 0.006-0.013.

13. Disposal Considerations

Dispose of in accordance with applicable Federal, State and Local regulations. Consult local or regional authorities. DO NOT flush into sanitary sewer or waterway.

14. Transportation Information

Classification:	Not regulated for transportation by US DOT or USPS
Proper Shipping Names:	Cleaning Solvent Mixture.

15. Regulatory Information

Inventory Status

USA (TSCA)	Listed
Canada (DSL)	Listed
Europe (EINECS/ ELINCS)	Listed
Japan (ENCS)	Listed
Australia (AICS)	Listed
Korea (ECL)	Listed
Philippines (PICCS)	Listed
China	Listed

16. Other Information

HAZARD RATING	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0
PPE	H	

Xi-Irritant
 R36-Irritating to eyes.
 R38-Irritating to skin.
 R40-Possible risks of irreversible effects.

This is a commercial cleaning chemical for use by professionals.

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