

MATERIAL SAFETY DATA SHEET

SPILFYTER® Products
KOLORSAFE® Liquid Base Neutralizer

ITEMS:
430001/279282
430004/283337

J.V.SM Manufacturing Co., Inc.
963 Ashwaubenon Street
Green Bay, WI 54304
920-337-4944

Date: 12/28/99
MSDS No. 7

Section 1. Chemical Product

BIN#288

PRODUCT NUMBER: (4300 Series)
PRODUCT NAME: KOLORSAFE® Liquid Base Neutralizer

CAS REGISTRY

102-71-6
76-61-9
77-92-9
7732-18-5

COMPONENT

Triethanolamine
Thymol Blue
Citric Acid
Water

EMERGENCY TELEPHONE NUMBERS

CHEMTREC - Domestic (800) 424-9300 (24 hours)
International (202) 483-7616 (24 hours)
Information - (800) 334-9092 8am-5pm CDT M-F

NEPA RATINGS

Health: 1
Fire: 1
Reactivity: 0

HMIS RATINGS:

Health: 1
Flammability: 1
Reactivity: 0

Section 2. Hazards Identification

Emergency Overview

Red liquid with an ammonia-like odor. This product presents no unusual fire hazard (non-flammable as supplied).

POTENTIAL HEALTH EFFECTS

EYES: May cause slight to severe irritation.
SKIN: May cause slight to severe irritation. Repeated skin contact may aggravate an existing skin condition.
INHALATION: Exposure to vapors or mists in excess of the TLV, or in unusually high concentrations from spraying, heating, or in poorly ventilated areas may cause irritation of the nose, throat or upper respiratory system.
SIGNS AND SYMPTOMS:
Eyes: redness, tearing
Skin: redness, swelling
Inhalation: discomfort of the nose and throat, headache, nausea and drowsiness

Section 3. First Aid Measures

EYES: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
SKIN: Remove contaminated clothing. Wash affected areas with soap and water for several minutes. If skin irritation develops or persists, seek medical attention.
INHALATION: Move to fresh air. If breathing is difficult, give oxygen. Seek medical attention if required.
INGESTION: If swallowed, call a physician or poison control center immediately.

Section 4. Fire Fighting Measures

FLASH POINT: Not tested
FLAMMABLE LIMITS: Not tested
AUTO-IGNITION TEMPERATURE: Not tested
EXTINGUISHING MEDIA: Water spray, ABC dry chemical, foam or carbon dioxide. Use water fog or spray to cool exposed equipment and containers.

Section 5. Personal Protection

EYES: Safety glasses, goggles or face shield
SKIN: Suitable chemically resistant gloves and protective clothing
INHALATION: Air purifying respirator with appropriate chemical cartridge or canister.
Adequate ventilation should be provided.

Section 6. Handling and Storage

Avoid high heat (over 150° F) and freezing conditions. At elevations >5000 feet, gas may form in container. If bulging occurs, slowly open container to release gas. Be sure to wear personal protective equipment.

Section 7. Physical and Chemical Properties

APPEARANCE: red liquid
ODOR: ammonia-like odor
BOILING POINT: 218° F
VAPOR PRESSURE (mmHg): Not tested
VAPOR DENSITY: Not tested
SOLUBILITY IN WATER: soluble
SPECIFIC GRAVITY (H₂O=1): 1.09

pH: 2.3
FREEZING POINT: -4° F
EVAPORATION RATE (butyl Acetate=1): Not tested
%VAPORIZABLE BY VOLUME (H₂O=100): 100
ACGIH TLV: 5 mg/M³ (triethanolamine)

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Section 8. Accidental Release Measures

Contain and collect with chemically resistant sorbents; avoid breathing vapors, contact with skin, eyes or clothing.

Section 9. Stability and Reactivity

STABLE: Yes

CONDITIONS TO AVOID: See Section 7.

INCOMPATIBLE (Materials to Avoid): Strong oxidizers, metallic nitrates, cyanides, sulfides and hypochlorites

HAZARDOUS DECOMPOSITION: In a limited air supply, thermal decomposition produces carbon monoxide, carbon dioxide, ammonia, irritating aldehydes and ketones.

HAZARDOUS POLYMERIZATION: Will not occur

Section 10. Disposal Considerations

This product in and of itself is considered to be non-hazardous as defined by RCRA (40 CFR 261). Once used, this product may take on the characteristics of the chemical(s) it sorbed and should be disposed of accordingly. Disposal of this product must be in compliance with all local, state, and federal regulations.

Section 11. Transport Information

This product is not a DOT hazardous material and is not regulated for all shipping purposes.

Section 12. Regulatory Information

This product does not meet the definition of a hazardous chemical given in 29 CFR 1910.1200 (OSHA)

TSCA Inventory Status: All components are listed on the TSCA list.

SARA Title III:

Section 302 Extreme Hazardous Substance List: not listed

Section 311/312 Hazard Classification: Immediate (acute): Yes Delayed (chronic): No
 Fire: No Sudden Release of Pressure: No Reactive: No

Section 313 Toxic Chemicals: not listed

USEPA CERCLA—Reportable Quantity (RQ): not listed

RCRA Hazardous Waste: not listed

State/Int'l Right-to-Know Regulations: Canada's WHMIS: Triethanolamine 1%

California Proposition 65: Not listed

International Regulations: All components are listed on the following lists:

CANADA INVENTORY STATUS: Canadian Domestic Substance (DSL)

EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES (EINECS)

JAPAN INVENTORY STATUS: Japanese MITI Inventory

Section 13. Other Information - ABBREVIATIONS:

CFR: Code of Federal Regulations

OSHA: Occupational Safety and Health Administration

MSDS: Material Safety Data Sheet

PEL: Permissible Exposure Limit

NA: Not Applicable

ACGIH: American Conference of Governmental Industrial Hygienists

RCRA: Resource Conservation and Recovery Act

TSCA: Toxic Substances Control Act

SARA: Superfund Amendments and Reauthorization Act

USEPA: United States Environmental Protection Agency

DOT: Department of Transportation

NFPA: National Fire Protection Association

TLV: Threshold Limit Value

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

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