

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: *New & Improved UniSolve ® Bottles*

Chemical Formula: N/A

CAS Number: N/A

Other Designations: N/A

General Use: Topical

Manufactured For: Smith & Nephew, Inc. 970 Lake Carillon Drive Suite 110 St. Petersburg, FL 33716 **Phone:** 1 800 876-1261

Date Reviewed: October 25, 2012

Section 2 - Composition Information on Ingredients

Ingredient Name	CAS Number	%wt or % Vol
Isopropyl Alcohol	67-63-0	Proprietary
C10-11 Isoparaffin	64742-48-9	Proprietary
Dipropylene Glycol Methyl Ether	34590-94-8	Proprietary
Aloe Extract	85507-69-3	Proprietary
Fragrance	N/A	Proprietary

Section 3 - Hazards Identification

★★★★★Emergency Overview★★★★★

HMIS

H	2
F	4
R	1
PPE	0

Potential Health Effects

Primary Entry Routes: Inhalation, Eyes, Skin, Ingestion

Target Organs: Kidney

Acute Effects

Inhalation: Upper respiratory tract irritation, asthma-like conditions.

Eye: Irritation, stinging, redness and swelling. Soft contact lens may concentrate irritants.

Skin: Redness, drying, & cracking.

Ingestion: Gastrointestinal irritation, dizziness, low blood pressure, & kidney damage.

Carcinogenicity: This material is not known to have carcinogenic properties.

Medical Conditions Aggravated by Long-Term Exposure: Eye or skin irritation, respiratory conditions.

Chronic Effects: None Known

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Seek medical attention immediately. Support breathing as needed.

Eye Contact: Flush eyes (including under lids) with copious amounts of water for at least 15 minutes. Obtain medical attention immediately.

Skin Contact: Remove contaminated clothing. Wash affected area thoroughly with plenty of water.

Ingestion: Call doctor or poison control center immediately.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Special Precautions/Procedures: None.

Section 5 - Fire-Fighting

Flash Point: 63°F / 17°C

Flash Point Method: TCC

Burning Rate: N/A

Autoignition Temperature: Not determined

LEL (% vol. in air): Not determined

UEL (% vol. in air): Not determined

Flammability Classification: Flammable Liquid Class IB

Extinguishing Media: Water spray, carbon dioxide, dry chemical foam.

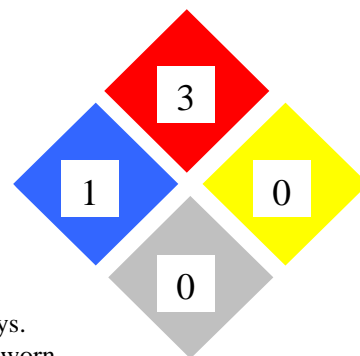
Unusual Fire or Explosion Hazards: Vapors are heavier than air and may travel to an ignition source and flashback.

Hazardous Combustion Products: None known

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Self Contained Breathing Apparatus and protective clothing should be worn.

NFPA:



Section 6 - Accidental Release Measures

Spill /Leak Procedures:

Small Spills: Absorb spill on Vermiculite.

Large Spills

Containment: Dike spills to minimize contamination and contain material

Cleanup: Eliminate ignition sources. Stop source of spill. Prevent from entering sewer, drains, & other bodies of water. Pump spilled liquid into clean container.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Avoid prolonged skin contact. Wash thoroughly after handling. Do not get into eyes. Do not swallow.

Storage Requirements: Store in a cool dry place, $\leq 77^{\circ}\text{F}$ / 25°C , that is a well-ventilated area away from sources of heat, sparks, flames, & strong oxidizing agents.

Regulatory Requirements: None known

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: None required

Ventilation: If handling large, liquid bulk quantities, provide sufficient mechanical ventilation. Otherwise, none required for normal use.

Administrative Controls: None required for normal use

Respiratory Protection: When working with small quantities in a well-ventilated area, respiratory protection may not be required.

Protective Clothing/Equipment: When working with small quantities in a well-ventilated area, protective clothing / equipment may not be required.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Clear, colorless liquid with fruity odor.

Odor Threshold: Not determined

Vapor Pressure (mm Hg @ 20°C): 10

Vapor Density (Air=1): Not determined

Formula Weight: N/A

Density: Not determined

Specific Gravity (H₂O=1, at 25° C): 0.81

pH: Not determined

Water Solubility: Partly miscible

Other Solubilities: Not determined

Boiling Point: 76°C / 169°F

Freezing/Melting Point: Not determined

Viscosity: Not determined

Refractive Index @ 25°C: 1.403

Surface Tension: Not determined

% Volatile: Not determined

Evaporation Rate (nBuAc=1): 1.149

Section 10 - Stability and Reactivity

Stability: Stable

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: Strong oxidizers

Conditions to Avoid: Strong oxidizers & all heat & ignition sources.

Hazardous Decomposition Products: carbon dioxide, carbon monoxide, & hydrocarbons.

Section 11 - Toxicological Information

Toxicity Data:

Eye Effects: None known

Skin Effects: None

Acute Inhalation Effects: None known

Acute Oral Effects: Moderately toxic

Chronic Effects: None known

Carcinogenicity: None known

Mutagenicity: None

Teratogenicity: None known

Section 12 - Ecological Information

Ecotoxicity: Not determined

Environmental Fate: Not determined

Environmental Degradation: Not determined

Soil Absorption/Mobility: Not determined

Section 13 - Disposal Considerations

Waste Disposal Instructions: All wastes must be handled in accordance with applicable Federal, State, and Local/Municipal ordinances regarding disposal. Since regulations may vary, consult applicable regulations or authorities before disposal.

US EPA Hazardous Waste Number (RCRA): D001 (Ignitable)

Section 14 - Transport Information

US DOT (49 CFR 172) & IATA Information

Proper Shipping Name: Flammable Liquid, n.o.s.

UN Number: 1993

Class: 3

PG: II

North American Emergency Response Guidebook Number (2012): 128

Notes:

1. May qualify for transportation under 'Limited Quantities' and/or 'Excepted Quantities' provisions. Consult applicable DOT, IMDG, IATA/ICAO regulations depending on transportation mode.
2. May qualify for transportation under 'Consumer Commodity ORM-D' provisions. Consult applicable DOT, IMDG, IATA/ICAO regulations depending on transportation mode.

Section - 15 Regulatory Information

EPA Regulations: None known for normal use

OSHA Regulations: None known for normal use

State Regulations: May vary from state to state

Section 16 - Other Information

Additional Hazard Rating Systems: None Known