

1. IDENTIFICATION

PRODUCT NAME: VUE
RECOMMENDED USE: WINDOW CLEANER
RESTRICTIONS ON USE: DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL.
LABEL BRAND: MISCO
SDS 5164709V CODE 065435, 5009531

U S CHEMICAL 316 HART STREET WATERTOWN, WI 53094 USA
MEDICAL EMERGENCY: 1-866-923-4913 USA
SPILL EMERGENCY: 1-800-424-9300 USA
PRODUCT INFORMATION: 1-800-558-9566 USA (8 A.M. TO 5 P.M. CST MONDAY TO FRIDAY)
INTERNET ADDRESS: WWW.USCHEMICAL.COM

2. HAZARD(S) IDENTIFICATION

CLASSIFICATION: FLAMMABLE LIQUIDS (CATEGORY 4)

LABEL ELEMENTS

SIGNAL WORD: WARNING

PICTOGRAMS: NONE

HAZARD STATEMENTS: COMBUSTIBLE LIQUID.

PRECAUTIONARY STATEMENTS: Keep away from flames and hot surfaces. No smoking. Keep container tightly closed.

FIRST AID: IF IN EYES: Flush with plenty of water. If irritation occurs and persists, get medical attention. **IF ON SKIN:** Flush with plenty of water. If irritation occurs and persists, get medical attention. **IF SWALLOWED:** Rinse mouth. If conscious, dilute by drinking up to a cupful of milk or water as tolerated.

EMERGENCY TELEPHONE: 1-866-923-4913

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents in accordance with all federal, state and local applicable laws and regulations.

KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

HAZARDS NOT OTHERWISE CLASSIFIED: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS #	VOLUME %
2-BUTOXYETHANOL	111-76-2	2.3
ISOPROPYL ALCOHOL	67-63-0	0.7

STATE RIGHT TO KNOW: SEE SECTION 15 FOR STATE RTK CHEMICAL NAMES IN MIXTURE.
INGREDIENT DISCLOSURE: FOR MORE INGREDIENT INFORMATION VISIT www.uschemical.com.

4. FIRST-AID MEASURES

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IF IN EYES: FLUSH WITH PLENTY OF WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION.

IF ON SKIN: FLUSH WITH PLENTY OF WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION.

IF SWALLOWED: RINSE MOUTH. IF CONSCIOUS, DILUTE BY DRINKING UP TO A CUPFUL OF MILK OR WATER AS TOLERATED.

IF INHALED: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED.

EMERGENCY TELEPHONE: 1-866-923-4913

MOST IMPORTANT SYMPTOMS / EFFECTS: MAY BE MILDLY IRRITATING TO EYES.

MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.

NOTE TO PHYSICIAN: CALL 1-866-923-4913 FOR EXPOSURE MANAGEMENT ASSISTANCE.

5. FIRE-FIGHTING MEASURES

CHEMICAL HAZARDS: COMBUSTIBLE LIQUID. ALTHOUGH THIS PRODUCT HAS A FLASH POINT BELOW 200°F, IT IS AN AQUEOUS SOLUTION WHICH HAS BEEN TESTED AND SHOWN NOT TO SUSTAIN COMBUSTION.

COMBUSTION PRODUCT HAZARDS: OXIDES OF CARBON AND OTHER FUMES.

METHODS: SELECT EXTINGUISHER AND METHODS BASED ON FIRE SIZE AND TYPE.

EQUIPMENT: WEAR SCBA AND FULL PROTECTIVE GEAR AS CONDITIONS WARRANT.

NFPA RATING: HEALTH-1/FLAMMABILITY-1/ INSTABILITY-0/SPECIAL HAZARD-N.AP.

SUITABLE EXTINGUISHERS: WATER, DRY CHEMICAL, CO2 OR FOAM SUITABLE FOR FIRE.

UNSUITABLE EXTINGUISHERS: NO RESTRICTIONS BASED ON CHEMICAL HAZARDS.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: ELIMINATE ALL IGNITION SOURCES.

EVACUATE UNPROTECTED PERSONNEL FROM AREA. WEAR PERSONAL PROTECTION. RUBBER BOOTS RECOMMENDED. SEE SECTION 8. VENTILATE AREA IF NEEDED. BE CAREFUL NOT TO SLIP. WASH THOROUGHLY AFTER CLEAN-UP.

ENVIRONMENTAL PRECAUTIONS: ELIMINATE ALL IGNITION SOURCES.

PREVENT SPILL FROM ENTERING DRAIN, STORM SEWER OR SURFACE WATERWAY. PREVENT WATER AND SOIL CONTAMINATION.

CLEAN-UP METHODS: ELIMINATE ALL IGNITION SOURCES. STOP LEAK IF YOU CAN DO SO WITHOUT RISK. SMALL SPILLS MAY BE WIPED UP AND RINSED WITH WATER. FOR LARGER SPILLS, DIKE TO CONTAIN. PUMP TO LABELED CONTAINER OR ABSORB SPILLAGE AND SCOOP UP WITH INERT ABSORBENT MATERIAL. AFTER SPILL COLLECTION, RINSE AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES.

7. HANDLING AND STORAGE

HANDLING: FOLLOW ALL LABEL DIRECTIONS. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES. AVOID INGESTION AND CONTACT WITH EYES. DO NOT TASTE OR SWALLOW. PRODUCT RESIDUE MAY REMAIN ON OR IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN A WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT, SPARK AND FLAME. STORAGE AT AMBIENT TEMPERATURES IN A DRY AREA OUT OF DIRECT SUNLIGHT. PROTECT FROM FREEZING. ROTATE STOCK REGULARLY. KEEP AWAY FROM FOOD AND DRINK. KEEP OUT OF CHILDREN'S REACH.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE LIMITS:

2-BUTOXYETHANOL=20 PPM TWA (ACGIH), 50 PPM TWA-SKIN, 240 MG/M3 TWA-SKIN (OSHA)
ISOPROPYL ALCOHOL = 200 PPM TWA, 400 PPM STEL (ACGIH), 400 PPM TWA (OSHA)

ENGINEERING CONTROLS: GENERAL ROOM VENTILATION IS ADEQUATE.

PERSONAL PROTECTION

EYES: CHEMICAL-SPLASH SAFETY GOGGLES.

HANDS: CHEMICAL-RESISTANT PROTECTIVE GLOVES (NITRILE, NEOPRENE OR RUBBER).

RESPIRATORY: PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.

NIOSH/MSHA CERTIFIED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED.

FEET: RUBBER BOOTS RECOMMENDED DURING SPILL CLEAN-UP.

BODY: PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.

HYGIENE MEASURES: HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. WASH HANDS AND AFFECTED AREAS THOROUGHLY AFTER HANDLING. PROVIDE SUITABLE FACILITIES FOR QUICK DRENCHING OR FLUSHING OF THE EYES IN CASE OF CONTACT OR SPLASH HAZARD.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: BLUE LIQUID

ODOR: AMMONIA

pH CONCENTRATE: N.AP.

pH READY-TO-USE: 9.7

pH @ USE DILUTION: N.AV.

PHYSICAL STATE: LIQUID

RELATIVE DENSITY (WATER): 1.000

SOLUBILITY (WATER): COMPLETE

VAPOR PRESSURE: N.AV.

VAPOR DENSITY: N. AV.

VISCOSITY: NON-VISCOUS

AUTO-IGNITION TEMPERATURE: N.AV.

DECOMPOSITION TEMPERATURE: N.AV.

EXPLOSIVE LIMITS (LEL/UEL): N.AP.

EVAPORATION RATE: N.AV.

FLAMMABILITY (SOLID, GAS): N.AP.

FLASH POINT: 86.1°C, 187°F TCC

INITIAL BOILING POINT/RANGE: N.AV.

MELTING POINT/FREEZING POINT: N.AV.

ODOR THRESHOLD: N.AV.

PARTITION COEFF. (N-OCTANOL/WATER): N.AV.

OTHER: N.AV.

10. STABILITY AND REACTIVITY

REACTIVITY: NO HAZARD.

CHEMICAL STABILITY: STABLE.

POSSIBILITY OF HAZARDOUS REACTIONS: SEE REACTIVITY. WILL NOT POLYMERIZE.

CONDITIONS TO AVOID: AVOID HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES.

MATERIALS TO AVOID: AVOID MIXING DIRECTLY WITH ANY OTHER CLEANING PRODUCT.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE UNDER NORMAL CONDITIONS.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: EYES, SKIN, INGESTION, INHALATION.

INFORMATION ON ROUTES OF EXPOSURE: NO LC50/LD50 TEST DATA ON MIXTURE.

ACUTE EFFECTS/SYMPTOMS

EYES: MAY BE MILDLY IRRITATING TO EYES. MAY CAUSE REDNESS AND WATERING.

SKIN: NO ADVERSE EFFECTS WITH NORMAL USE.

INGESTION: MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA, VOMITING AND DIARRHEA.

INHALATION: NONE KNOWN.

CHRONIC / OTHER EFFECTS: NO REPORTABLE GERM CELL MUTAGENS, SKIN SENSITIZERS, RESPIRATORY SENSITIZERS, REPRODUCTIVE TOXINS OR ASPIRATION HAZARDS.

SPECIFIC TARGET ORGANS (SINGLE/REPEATED): NONE KNOWN.

NUMERICAL MEASURES OF TOXICITY: ATEmix (ORAL-RAT) = ABOVE 5000 MG / KG

CARCINOGENS: NO REPORTABLE ACGIH, IARC, NTP, OR OSHA CARCINOGENS.

12. ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: OSHA WILL NOT BE ENFORCING INFORMATION REQUIREMENTS IN SECTION 12, AS THIS AREA IS NOT UNDER ITS JURISDICTION.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DISPOSE OF CONTENTS IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL APPLICABLE LAWS AND REGULATIONS. CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. MANAGE CHEMICAL WASTES THROUGH AN APPROVED WASTE TREATMENT FACILITY. DO NOT REUSE EMPTY CONTAINER. RINSE EMPTY CONTAINER THOROUGHLY WITH WATER BEFORE DISCARDING CONTAINER IN ACCORDANCE WITH CURRENT LOCAL COMMUNITY CODES. PLEASE RECYCLE EMPTY CONTAINER WHENEVER POSSIBLE. SEE SECTION 8 FOR EXPOSURE CONTROLS/PERSONAL PROTECTION TO MINIMIZE EXPOSURE.

14. TRANSPORT INFORMATION

DOT / IMDG / IATA / TDG: NOT REGULATED

15. REGULATORY INFORMATION

EPA CERCLA RQ: NO

EPA REGISTERED: NO

OSHA HAZARDOUS: YES. SEE SECTION 8 TO MINIMIZE EXPOSURE.

PHOSPHORUS CONTENT: 0.00%

PROPOSITION 65: NO

SARA 311/312 HAZARD CATEGORIES: SEE SECTION 2 FOR GHS HAZARD CLASSES.

SARA 313 CHEMICALS: 2-BUTOXYETHANOL

STATE RIGHT TO KNOW: WATER/7732-18-5, 2-BUTOXYETHANOL/111-76-2, ISOPROPYL ALCOHOL/67-63-0, AMMONIUM HYDROXIDE/1336-21-6

TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE INVENTORY.

USE DILUTION: READY-TO-USE

VOC: 3.00% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.

16. OTHER INFORMATION

PREPARATION DATE: 2-6-24 **PREPARED BY:** RC **REVISED SECTION:** 16

ABBREVIATIONS: N.AV. = NOT AVAILABLE N.AP. = NOT APPLICABLE

NOTICE TO READER

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