# Safety Data Sheet

## **1 – PRODUCT IDENTIFICATION**

#### 2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE: .... Flammable Liquids (3) Eye Irritation (2B)

## SYMBOLS:....



SIGNAL WORD: ..... WARNING! PRECAUTIONARY STATEMENTS: **PREVENTION:** Keep away from heat/sparks/open flames/hot surfaces - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/light/.../equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. RESPONSE:..... IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do continue rinsing. If eye irritation persists get medical advice/attention. STORAGE: ...... Store in a well ventilated place. Keep cool. DISPOSAL: ..... Dispose of container and contents in accordance with local regulations.

### **3 – COMPOSITION / INFORMATION ON INGREDIENTS**

INGREDIENT Water Isopropyl Alcohol Sodium Octane Sulfonate 2-Butoxy Ethanol

# C.A.S. NUMBER

7732-18-5 67-63-0 5324-84-5 111-76-2

Percentages of ingredients are being withheld as trade secret information. This information will be disclosed as necessary to authorized individuals

#### 4 – FIRST-AID MEASURES

BREATHING (INHALATION): .	If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.
SWALLOWING (INGESTION):	DO NOT INDUCE VOMITING! Drink a large quantity of water or
· · · · ·	milk. Do not attempt to give liquids to an unconscious person.
	Get immediate medical attention!
EYES:	<ul> <li>Inhalation, skin absorption, or ingestion.</li> </ul>
SKIN (DERMAL):	. Flush from skin and clothing with large amounts of fresh water. If
	irritation persists, consult physician. Wash contaminated clothing before wearing.

#### **5 – FIRE-FIGHTING MEASURES**

#### 6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:..... Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

**WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.

# 7 – HANDLING and STORAGE

# 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:Not usually needed in well-ventilated areas. I needed, use a NIOSH approved respirator. PROTECTIVE CLOTHING:Nitrile or PVC gloves, and chemical splash goggles. ADDITIONAL MEASURES:Under normal use according to label instructions, special protection should not be necessary. Wear eye protection if product is likely to splash.Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.		rator. blash goggles. nstructions, special /ear eye protection if e this product in an
INGREDIENT	C.A.S. NUMBER	PEL
Water Isopropyl Alcohol	7732-18-5 67-63-0	No limits established 400 ppm, 500 ppm STEL

Isopropyl Alcohol Sodium Octane Sulfonate 2-Butoxy Ethanol 
 7732-18-5
 No limits established

 67-63-0
 400 ppm, 500 ppm STEL

 5324-84-5
 No limits established

 111-76-2
 20 ppm TLV, 25 ppm PEL

### 9 - PHYSICAL / CHEMICAL PROPERITES

**APPEARANCE & ODOR:.....** Transparent liquid, slight solvent odor.

pH:       11.0         MELTING POINT:       210 degrees F.         FREEZING POINT:       N/A         BOILING POINT:       210 degrees F.         BOILING POINT RANGE:       N/A         FLASHPOINT:       Greater than 150 degrees F.         EVAPORATION RATE:       N/A         FLAMMABILITY (solid/gas):       N/A         FLAMMABILITY (solid/gas):       N/A         EXPLOSION LIMITS:       N/A         VAPOR PRESSURE:       N/A         VAPOR DENSITY (AIR=1):       Greater than 1.         SPECIFIC GRAVITY:       Less than 1.         SOLUBILITY IN WATER:       Completely soluble.         PARTITION COEFFICIENT:       N/A         AUTO-IGNITION TEMPERATURE:       N/A         VISCOSITY:       Water thin	ODOR THRESHOLD: N/A
FREEZING POINT:       N/A         BOILING POINT RANGE:       210 degrees F.         BOILING POINT RANGE:       N/A         FLASHPOINT:       Greater than 150 degrees F.         EVAPORATION RATE:       N/A         FLAMMABILITY (solid/gas):       N/A         FLAMMABILITY (solid/gas):       N/A         VAPOR PRESSURE:       N/A         VAPOR DENSITY (AIR=1):       Greater than 1.         SPECIFIC GRAVITY:       Less than 1.         SOLUBILITY IN WATER:       Completely soluble.         PARTITION COEFFICIENT:       N/A         AUTO-IGNITION TEMPERATURE:       N/A	<b>pH:</b> 11.0
BOILING POINT:	MELTING POINT: 210 degrees F.
BOILING POINT RANGE: N/A FLASHPOINT:	FREEZING POINT: N/A
FLASHPOINT:       Greater than 150 degrees F.         EVAPORATION RATE:       N/A         FLAMMABILITY (solid/gas):       N/A         FLAMMABILITY (solid/gas):       N/A         EXPLOSION LIMITS:       N/A         VAPOR PRESSURE:       N/A         VAPOR DENSITY (AIR=1):       Greater than 1.         SPECIFIC GRAVITY:       Less than 1.         SOLUBILITY IN WATER:       Completely soluble.         PARTITION COEFFICIENT:       N/A         AUTO-IGNITION TEMPERATURE:       N/A	BOILING POINT: 210 degrees F.
EVAPORATION RATE:	BOILING POINT RANGE: N/A
FLAMMABILITY (solid/gas): N/A EXPLOSION LIMITS: N/A VAPOR PRESSURE: N/A VAPOR DENSITY (AIR=1): Greater than 1. SPECIFIC GRAVITY: Less than 1. SOLUBILITY IN WATER: Completely soluble. PARTITION COEFFICIENT: N/A AUTO-IGNITION TEMPERATURE:N/A DECOMPOSITION TEMPERATURE:N/A	FLASHPOINT: Greater than 150 degrees F.
EXPLOSION LIMITS:N/A VAPOR PRESSURE:N/A VAPOR DENSITY (AIR=1): Greater than 1. SPECIFIC GRAVITY: Less than 1. SOLUBILITY IN WATER:Completely soluble. PARTITION COEFFICIENT:N/A AUTO-IGNITION TEMPERATURE:N/A DECOMPOSITION TEMPERATURE:N/A	EVAPORATION RATE: N/A
VAPOR PRESSURE:N/A VAPOR DENSITY (AIR=1): Greater than 1. SPECIFIC GRAVITY: Less than 1. SOLUBILITY IN WATER: Completely soluble. PARTITION COEFFICIENT:N/A AUTO-IGNITION TEMPERATURE:N/A DECOMPOSITION TEMPERATURE:N/A	FLAMMABILITY (solid/gas): N/A
VAPOR DENSITY (AIR=1): Greater than 1. SPECIFIC GRAVITY: Less than 1. SOLUBILITY IN WATER: Completely soluble. PARTITION COEFFICIENT: N/A AUTO-IGNITION TEMPERATURE:	EXPLOSION LIMITS: N/A
SPECIFIC GRAVITY:Less than 1. SOLUBILITY IN WATER:Completely soluble. PARTITION COEFFICIENT:N/A AUTO-IGNITION TEMPERATURE:N/A DECOMPOSITION TEMPERATURE:N/A	VAPOR PRESSURE: N/A
SOLUBILITY IN WATER: Completely soluble. PARTITION COEFFICIENT: N/A AUTO-IGNITION TEMPERATURE:N/A DECOMPOSITION TEMPERATURE:N/A	VAPOR DENSITY (AIR=1): Greater than 1.
PARTITION COEFFICIENT: N/A AUTO-IGNITION TEMPERATURE:N/A DECOMPOSITION TEMPERATURE:N/A	SPECIFIC GRAVITY: Less than 1.
AUTO-IGNITION TEMPERATURE:N/A DECOMPOSITION TEMPERATURE:N/A	SOLUBILITY IN WATER: Completely soluble.
DECOMPOSITION TEMPERATURE:N/A	PARTITION COEFFICIENT: N/A
	AUTO-IGNITION TEMPERATURE:N/A
VISCOSITY: Water thin	
	VISCOSITY: Water thin

# 10 – STABILITY and REACTIVITY

# Safety Data Sheet

# **11 – TOXICOLOGICAL INFORMATION**

\*Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6)

### **12 – ECOLOGICAL INFORMATION**

### ENVIRONMENTAL FATE AND DISTRIBUTION: N/A

## 13 –DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: ..... As recommended by local, state and federal authorities.

### 14 – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: .... Not D.O.T. regulated. HAZARD CLASS: ..... UN/NA NUMBER: ..... PACKAGING GROUP : .....

# **15 - REGULATIONS**

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

### **16 – OTHER INFORMATION**

# Safety Data Sheet