

MATERIAL SAFETY DATA SHEET

Topcare, 70% Isopropyl Alcohol Wipes
Original: December 1, 2006 Revised: March 23, 2011

CUSTOM MANUFACTURED PRODUCTS
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Emergency Telephone Number: (800)424-9300 CHEMTREC

Section 1. PRODUCT IDENTIFICATION

PRODUCT NAME: Topcare, 70% Isopropyl Alcohol Wipes
CHEMICAL FAMILY: Wipes
CAS NUMBER: 67-63-0
CHEMICAL FORMULA: (CH₃)₂CHOH (70% in aqueous solution)
SYNONYMS: Isopropanol, Rubbing alcohol, IPA, 2-Propyl alcohol

Section 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Vol%</u>	<u>TLV/PEL</u>
Isopropyl Alcohol	67-63-0	70	400/400
Water	7732-18-5	30	

Section 3. HAZARDS IDENTIFICATION

Physical State: Towelette impregnated with clear, colorless liquid.

Odor: Isopropyl Alcohol.

POTENTIAL HEALTH EFFECTS:

ROUTES OF EXPOSURE: Eyes. Skin. Inhalation. Ingestion.

EYE CONTACT:

Liquid contact with eyes may cause irritation.

SKIN CONTACT:

May cause skin irritation or redness.

INGESTION:

Do not swallow. Ingestion of wipe solution may cause gastric disturbances.

INHALATION:

Vapors may irritate the respiratory tract.

Medical Conditions Aggravated by Exposure to Product: None known.

Chronic exposure may cause skin irritation and cracking due to skin drying effects.

Section 4. FIRST AID MEASURES

EYE CONTACT:

Irrigate eyes with plenty of water for at least 15 minutes, lifting the lower and upper eyelids. Remove any contact lenses to ensure thorough flushing. DO NOT allow victim to rub or keep eyes closed. Get medical attention immediately if irritation persists.

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SKIN CONTACT:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. Get medical attention if irritation develops or persists. Wash clothing before reuse.

INGESTION:

If swallowed, DO NOT INDUCE VOMITING. Give no more than 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

INHALATION:

Remove to fresh air. If breathing becomes difficult or respiratory irritation occurs, seek medical attention.

Section 5. FIRE-FIGHTING MEASURES

Flash Point (TCC): 24 °C (75 °F)

Autoignition Temperature: 399 °C (750.20 °F)

Lower Explosion Limits: 2.0 vol %

Upper Explosion Limits: 12.7 at 200 °F

EXTINGUISHING MEDIA:

For small fires, use carbon dioxide, dry chemical, dry sand, or alcohol-resistant foam.

FIRE-FIGHTING INSTRUCTIONS:

Wear a NIOSH-approved self-contained breathing apparatus in positive-pressure demand and protective clothing. Evacuate area of unprotected personnel.

FIRE & EXPLOSION HAZARDS:

Containers may explode under fire conditions.

DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide.

Section 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Provide adequate ventilation. Absorb with a suitable absorbent (such as a paper towel) and dispose. Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance for larger spills to assure ability to process washed down material.

Section 7. HANDLING AND STORAGE

HANDLING:

Wash thoroughly after handling. Use with adequate ventilation.

STORAGE:

Keep containers tightly closed when not in use. Store in a cool, well ventilated area.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION EQUIPMENT:

EYE/FACE PROTECTION:

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Towelette impregnated with clear, colorless liquid. Keep away from face and eyes.

SKIN PROTECTION:

Towelette impregnated with clear, colorless liquid. Protective gloves may be worn.

RESPIRATORY PROTECTION:

Towelette impregnated with clear, colorless liquid. Use in a well ventilated area.

VENTILATION:

Use in a well ventilated area.

OTHER CONTROL MEASURES: None

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Towelette impregnated with clear, colorless liquid.

Appearance(solution): Clear liquid

Odor: Alcohol

Solubility in Water: Miscible

% Volatiles by Volume at 21 °C (70 °C): 100

Boiling Point: 82 °C

Melting Point: -88 °C

Specific Gravity (water = 1): <1

Vapor Density (AIR = 1): 2.1

Vapor Pressure (mm Hg): 33 mmHg at 20 °C

Evaporation Rate (Butyl Acetate = 1): 1.7

Section 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of use and storage.

CONDITIONS TO AVOID: Avoid contact with open flame, ignition sources.

INCOMPATIBILITY: Strong oxidizing agents. Strong acids and bases.

DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

Section 11. TOXICOLOGICAL INFORMATION

ON PRODUCT: No information on the formulated product

ON INGREDIENTS:

<u>Chemical Name</u>	<u>Oral LD₅₀</u> <u>(rat)</u>	<u>Dermal LD₅₀</u> <u>(rabbit)</u>	<u>Inhalation LC₅₀</u> <u>(Rat)</u>
Isopropyl Alcohol	5045 mg/kg	12.8 gm/kg	16,000 ppm/8-hour

Section 12. ECOLOGICAL INFORMATION

ON PRODUCT: This product is not expected to significantly bioaccumulate.

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Section 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Waste is non-hazardous. Disposal must be made in accordance with applicable federal, state and local regulations.

After use of towelette, discard in trash.

CONTAINER DISPOSAL:

Do not reuse empty container. Rinse thoroughly before discarding. Container is recyclable.

Section 14. TRANSPORT INFORMATION

DOT

Consumer Commodity

ORM-D (Other Regulated Materials, Domestic)

ORM means other regulated material. Consumer Commodity means a material that is packaged and distributed in a form intended or suitable for sale through retail sales agencies or instrumentalities for consumption by individuals for purposes of personal care or household use. This term also includes drugs or medicines.

ORM-D material means a material such as consumer commodity which presents a limited hazard during transportation due to its form, quantity and packaging.

Section 15. REGULATORY INFORMATION

CAS #67-63-0 can be found on the following state right to know lists from CA, PA, MN, MA, or NJ.
California Prop 65 – No significant risk level.

TSCA: TSCA compliant: Isopropyl alcohol; Water

Section 16. OTHER INFORMATION

HMIS RATINGS: Health = 2 Flammability = 3 Reactivity = 1
Hazard rating scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

USERS RESPONSIBILITY/DISCLAIMER OF LIABILITY:

The data contained in this Material Safety Data Sheet is believed to be correct. However, since the conditions of use are outside the control of Custom Manufactured Products LLC, it should not be taken as a warranty of legal responsibility. This information is provided solely for your consideration, investigation and verification.

Reason for Revision:

Change to DOT regulations

Flash point, boiling point

Towelette description

Changes made throughout the MSDS