

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name : LabExact[®] Cotton Cloth IPA 70% Wipes (Non-Sterile)
Catalog Number : IWT-IPA70-CW66
Material uses : Wipes (presaturated)
: Reserved for Industrial and Professional Use
Material restrictions : n/a
Manufacturer / Supplier information:
Company Name : I.W. Tremont Co., Inc.
Address : 18 Utter Avenue
: Hawthorne, New Jersey 07506 USA
Telephone : (Tel) 973-427-3800
Emergency Phone Number (24H) : INFOTRAC (USA & Canada) 1-800-535-5053

2. HAZARD IDENTIFICATION

Classification of the substance(s) or mixture(s)

Flammable Liquid : Category 2

Specific target organ toxicity single exposure : Category 3

Label Element :  

Signal Word: : Warning
Causes skin and eye irritation.

Hazard Statement(s) : Flammable liquid and vapor.
May cause drowsiness or dizziness.
May cause respiratory irritation.

Precautionary Statement(s)

Prevention : Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
: Keep container tightly closed. Ground/bond container and receiving equipment.
: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

Response : IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

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

Disposal : Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Common name and synonyms | CAS# | % |
|-------------------|--------------------------|---------|-----|
| Isopropyl Alcohol | Isopropanol (2-Propanol) | 67-63-0 | 70% |

Water

7732-18-5 30%

4. FIRST-AID MEASURES

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| Inhalation | : Remove to fresh air, keep patient warm and at rest. Seek medical attention if effects persist. |
| Skin Contact | : No first aid should be needed. Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists. |
| Eye Contact | : Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart. Seek medical attention if symptoms persist. |
| Ingestion | : Do not induce vomiting. Rinse mouth with water. Contact the poison control center or a physician immediately for instructions. |
| Symptoms and effects, acute and delayed | : May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. |
| Recommendations for immediate medical care or special treatment needed | : Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |
| General information | : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. |

5. FIREFIGHTING MEASURES

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| Extinguishing Media | : Use water spray, dry powder or carbon dioxide as the extinguishing media. |
| Unsuitable extinguishing media | : Do not use water jet as an extinguisher, as this will spread the fire. |
| Special hazards arising from the substance or mixture | : Hazardous decomposition: Oxides of Carbon Keep away from heat / sparks / open flames / hot surfaces - No smoking. Avoid breathing dust / fume / gas / mist / vapors / spray. |
| Special protective equipment and precautions for fire fighting | : Wear self-contained breathing apparatus and protective clothing. Do not release runoff from fire control methods to sewers or waterways. |

6. ACCIDENTAL RELEASE MEASURES

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|--|---|
| Personal precautions, protective equipment and emergency procedures | : Put on appropriate personal protective equipment (see section 8). Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse |
| Environmental precautions | : Do not allow spills to enter drains or waterways. Mop or wipe up small spills. |
| Methods and material for containment & cleaning up | : Ventilate area. Remove all sources of heat and ignition. Place broken sachets in a sealed, labelled container for disposal. |

7. HANDLING AND STORAGE

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| Precautions for safe handling | : Keep original product packaging. Store in a well-ventilated cool and dry place. Keep away from open flames. For external use only. |
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Avoid eye contact.
 Individual Single use only.

Conditions for safe storage, including any incompatibilities

: Incompatible materials: Strong oxidizing agents Store in a cool ($\leq 30^{\circ}\text{C}$), dry, well-ventilated area away from strong oxidizing agents, sources of heat, sparks, and open flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value |
|---------------------------------|------|-----------------------|
| Isopropyl Alcohol (CAS 67-63-0) | PEL | 980 mg/m ³ |
| | | 400 ppm |

US. ACGIH Threshold Limit OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value |
|---------------------------------|------|---------|
| Isopropyl Alcohol (CAS 67-63-0) | STEL | 400 ppm |
| | TWA | 200 ppm |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|---------------------------------|------|------------------------|
| Isopropyl Alcohol (CAS 67-63-0) | STEL | 1225 mg/m ³ |
| | TWA | 980 mg/m ³ |
| | | 400 ppm |

Biological limit values

ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sample Time |
|---------------------------------|---------|-------------|----------|-------------|
| Isopropyl Alcohol (CAS 67-63-0) | 40 mg/l | Acetone | Urine | * |

* - For sampling details, please see the source document.

Exposure controls

- Respiratory Protection** : None required for normal use.
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
- Hand Protection** : Wear appropriate chemical resistant gloves.
- Eye Protection** : None required for normal use.
- Skin Protection** : None required for normal use.
- General Hygiene** : Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Cotton woven pad, impregnated with 70% Isopropyl Alcohol

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| Color: | Cotton pad: white; Impregnation solution: Colorless |
| Odor: | Alcoholic |
| Odor Threshold: | Not available |
| pH: | Not available |
| Melting point / freezing point: | -127.3 °F (-88.5 °C) estimated |
| Initial boiling point and boiling range: | 177.8 - 181.4 °F (81 - 83 °C) |
| Flash Point: | 71.6 °F (22.0 °C) |
| Evaporation rate (Ether = 1): | Not available |
| Flammability (solid, gas): | Not Applicable Lower - Flammability Limit: 2.5% estimated Explosive Limit: Not available |
| Upper/lower flammability or explosive limits: | Upper - Flammability Limit: 12% estimated Explosive Limit: Not available |
| Vapor pressure: | 42.37 hPA estimated |
| Vapor Density: | Not available |
| Specific Gravity: | 0.86 |
| Solubility in Water: | Complete |
| Auto-ignition temperature: | 750.2 °F (399 °C) estimated |
| Partition coefficient n-octanol/water (Log Kow): | Not Measured |
| Auto-ignition temperature: | 750.2 °F (399 °C) estimated |
| Decomposition temperature: | Not available |
| Viscosity: | Not determined |
| Other Information | |
| Density : | 0.86 g/cm ³ |
| Explosive properties : | Not explosive. |
| Flammability class : | Flammable IB estimated |
| Flash point class : | Flammable IB |
| Oxidizing properties : | Not oxidizing. |
| Percent volatile : | |
| Specific gravity : | 0.86 |
| VOC Content : | 70 % |

10. STABILITY AND REACTIVITY

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| Reactivity | : The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | : Material is stable under normal conditions. |
| Possibility of hazardous reactions | : Hazardous polymerization does not occur. |
| Conditions to avoid | : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | : Acids. Strong oxidizing agents. Chlorine. Isocyanates. |
| Hazardous decomposition products | : May include oxides of carbon. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

- Inhalation** : May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
- Skin contact** : No adverse effects due to skin contact are expected.
- Eye contact** : Causes serious eye irritation.
- Ingestion** : Causes serious eye irritation.
- Symptoms related to the physical, chemical and toxicological characteristics** : May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information in toxicological effects

Acute Toxicity

| Components | Species | Test Results |
|---------------------------------------|---------|--------------|
| ISOPROPYL ALCOHOL, 70% v/v, in WATER. | | |

Acute

Dermal

LD50 Rabbit 13760 mg/kg

Oral

LD50 Dog 6853 mg/kg
 Mouse 5143 mg/kg
 Rabbit 10290 mg/kg
 Rat 7354 mg/kg

Other

LD50 Mouse 2156 mg/kg

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

Acute

Dermal

LD50 Rabbit 5030 - 7900 mg/kg

Oral

LD50 Dog 4797 mg/kg
 Mouse 3600 mg/kg
 Rabbit 8000 mg/kg
 6410 mg/kg
 Rat 4700 - 5800 mg/kg
 5045 mg/kg
 4.7 g/kg

Other

LD50 Mouse 1509 mg/kg
 Rat 1099 mg/kg

Skin corrosion/irritation : Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation : Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization : Not a respiratory sensitizer.

- Skin sensitization** : This product is not expected to cause skin sensitization.
- Germ cell mutagenicity** : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
- Carcinogenicity** : Not classifiable as to carcinogenicity to humans.
- IARC Monographs. Overall Evaluation of Carcinogenicity**
 Not listed.
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**
 Not regulated.
- US. National Toxicology Program (NTP) Report on Carcinogens**
 Not listed.
- Reproductive toxicity** : This product is not expected to cause reproductive or developmental effects.
- Specific target organ toxicity - single exposure** :
 May cause drowsiness and dizziness.
- Specific target organ toxicity - repeated exposure** :
 Not classified.
- Aspiration hazard** : Not an aspiration hazard.
- Chronic effects** : Prolonged inhalation may be harmful.

12. ECOLOGICAL INFORMATION

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Product | Species | Test Results |
|--|--|--|
| ISOPROPYL ALCOHOL, 70% v/v, in WATER. | | |
| Aquatic | | |
| Fish | LC50 | 8842.8574 mg/l, 96 hours estimated |
| Components | Species | Test Results |
| ISOPROPYL ALCOHOL, 70% v/v, in WATER. | | |
| Aquatic | | |
| Fish | LC50 | Bluegill (Lepomis macrochirus) > 1400 mg/l, 96 hours |
| Persistence and degradability | No data is available on the degradability of any ingredients in the mixture. | |
| Bioaccumulative potential | | |
| Partition coefficient n-octanol / water (log Kow) | | |
| ISOPROPYL ALCOHOL | 0.05 | |
| Mobility in soil | : No data available. | |
| Other adverse effects | : The product contains volatile organic compounds which have a photochemical ozone creation potential. | |

13. DISPOSAL CONSIDERATIONS

- Disposal instructions** : Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local / regional / national / international regulations.
- Local disposal regulations** : Dispose in accordance with all applicable regulations.

| | | |
|--|---|--|
| Hazardous waste code | : | D001: Waste Flammable material with a flash point <140 F. The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Waste from residues / unused products | : | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging | : | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. |

14. TRANSPORT INFORMATION

DOT

| | | |
|-----------------------------------|---|--|
| UN number | : | UN3175 |
| UN proper shipping name | : | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol) |
| Transport hazard class(es) | : | |
| Class | : | 4.1 |
| Subsidiary risk | : | - |
| Label(s) | : | 4.1 |
| Packing group | : | II |

IATA

| | | |
|-----------------------------------|---|--|
| UN number | : | UN3175 |
| UN proper shipping name | : | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol) |
| Transport hazard class(es) | : | |
| Class | : | 4.1 |
| Subsidiary risk | : | - |
| Label(s) | : | 4.1 |
| Packing group | : | II |
| Other information | : | |
| Passenger and cargo | : | Allowed with restrictions. |
| Cargo aircraft only | : | Allowed with restrictions. |

IMDG

| | | |
|-----------------------------------|---|--|
| UN number | : | UN3175 |
| UN proper shipping name | : | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol) |
| Transport hazard class(es) | : | |
| Class | : | 4.1 |
| Subsidiary risk | : | - |
| Packing group | : | II |
| Environmental hazards | : | |
| Marine pollutant | : | No |

15. REGULATORY INFORMATION

| | | |
|-------------------------------|---|--|
| US federal regulations | : | This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, |
|-------------------------------|---|--|

29 CFR 1910.1200.

Toxic Substances Control Act (TSCA) : All components of the mixture on the TSCA 8(b) inventory are designated "active".

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

F - Highly flammable

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 : Yes

Hazardous chemical

Classified hazard categories : Flammable (gases, aerosols, liquids, or solids)
 Serious eye damage or eye irritation
 Specific target organ toxicity (single or repeated exposure)
 Hazard not otherwise classified (HNOC)

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

ISOPROPYL ALCOHOL (CAS 67-63-0) Low priority

US state regulations

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

ISOPROPYL ALCOHOL (CAS 67-63-0)

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |

| | | |
|-----------------------------|---|-----|
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. OTHER INFORMATION

Date Issued : 05/01/2020
Prepared By : I.W. Tremont Co., Inc.

User's Responsibility

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