ESSENTIAL CHEMISTRY. INNOVATIVE SOLUTIONS.

# SAFETY DATA SHEET

**Print Date:** March 7, 2025

## Section 1: Product & Company Information

**Product Identifier:** **Isopropyl Acetate**

**Other Means of Identification**
Product Number: 152004

**Recommended Use and Restrictions on Use**
Recommended Use: Solvent, Laboratory chemical, Odorant.
Restrictions on Use: No data available.

**Manufacturer / Importer / Supplier / Distributor Information**
**Company Name:** CORECHEM Inc.
**Address:** 4320 Greenway Drive
Knoxville, TN 37918 USA

**Information Telephone Number:** 1-865-524-4239
**Fax Number:** 1-865-524-3375
**Website:** www.corecheminc.com
**Contact Person:** Regulatory Manager
**E-mail:** regulatory@corecheminc.com

**Emergency Phone Number:** Chemtrec® 1-800-424-9300 / Outside USA 1-703-527-3887 *(monitored 24 hours/day)*

## Section 2: Hazards Identification

**GHS Hazard Classification(s)**
In accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200 (HazCom 2012).

**Physical Hazard(s)**
Flammable, Liquids - 2

**Health Hazard(s)**
(Corrosion)Damage/Irritation, Eye -
2A
Corrosion/Irritation, Skin - 2
Specific Target Organ Toxicity (STOT)-CNS, Single exposure- 3

**Environmental Hazard(s)**
Not classified.

**Label Elements**
**Signal Word**
**DANGER**

**Hazard Symbol(s)**

**Hazard Statement(s)**
H225: Highly flammable liquid and vapor.
H315: Causes skin Irritation.
H319: Causes serious eye Irritation.
H336: May cause drowsiness or dizziness.

**Precautionary Statements**
**General**

Not applicable.

**Prevention**

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P264: Wash face, hands and any exposed skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P304 + P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P337 + P313: If eye irritation persists: Get medical advice/attention.
P370 + P378: In case of fire: Use suitable extinguishing media for extinction.

**Storage**

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
P403 + P235: Store in a well-ventilated place. Keep cool.
P403: Store in a well-ventilated place.
P405: Store locked up.

**Disposal**

P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazard(s) not otherwise classified (HNOC)**

None known.

## Section 3: Composition/Information on Ingredients

**Substance**

| Chemical Identity [2] | Common Name/Synonym(s) | CAS # [3] | Weight % | Impurity or Stabilizing Additive |
|---|---|---|---|---|
| Isopropyl acetate | - | 108-21-4 | 99.8 | No |
| Isopropanol | - | 67-63-0 | .02 | No |

1. Information regarding the composition and the percentage ranges of the mixtures ingredients are not presented as its Confidential Business Information (CBI). Where a medical emergency exists (as determined by medical professional), timely disclosure of CBI is assured. The information omitted pertains to only the names of the substances and the concentration in the mixture (product) and can only be requested by a doctor/physician or Local/State/Provincial or Federal Authority.
2. Non-hazardous ingredients are not presented as to protect the proprietary formula of the product.
3. "— "Indicates ingredient is a mixture and contains multiple ingredients or may have no identifying CAS number.

## Section 4: First-Aid Measures

**General Information**

Check the vital functions. If unconscious maintain an adequate airway and respiration. If not breathing begin artificial respiration or oxygen. If in cardiac arrest perform resuscitation. If the victim is conscious with labored breathing place in half seated position. If the victim is in shock place on his back with legs slightly raised. Do not induce vomiting as it can cause asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition they will need to contact the doctor or hospital. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the SDS where possible). Call a poison center or a doctor if you feel unwell.

**Inhalation**

Remove person to fresh air and keep comfortable for breathing. Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service. Call a POISON CENTER/doctor if you feel unwell.

**Skin Contact**

Rinse skin with water/shower. Take off immediately all contaminated clothing.

**Eye Contact**

Rinse cautiously with water for several minutes. Rinse immediately with plenty of water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Consult an eye specialist. Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

**Ingestion**

Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Call the Poison Information Centre (www.big.be/antigif.htm). Consult a doctor/medical service if you feel unwell. Ingestion of large quantities: immediately to hospital. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.

**Most important symptoms/effects, acute and delayed**

**Symptoms**

**Symptoms/effects**: May cause drowsiness or dizziness.

**Symptoms/effects after inhalation**: EXPOSURE TO HIGH CONCENTRATIONS: Irritation of the respiratory tract. Dry/sore throat. Coughing. Irritation of the nasal mucous membranes. Central nervous system depression. Dizziness. Narcosis. Headache. Respiratory difficulties. May cause drowsiness or dizziness.

**Symptoms/effects after skin contact**: red skin. ON CONTINUOUS EXPOSURE/CONTACT: Dry skin. Cracking of the skin.

**Symptoms/effects after eye contact**: Irritation of the eye tissue. Redness of the eye tissue. Causes serious eye irritation. Eye irritation.

**Symptoms/effects after ingestion**: Abdominal pain. Risk of aspiration pneumonia. Irritation of the gastric/intestinal mucosa.

**Indication of immediate medical attention and special treatment needed**

**Hazards**

No data available.

**Treatment**

No data available.

## Section 5: Fire-Fighting Measures

**General Fire Hazards**

No data available.

**Suitable (and Unsuitable) Extinguishing Media**

**Suitable Extinguishing Media**

Water spray. Dry powder. Foam. Carbon dioxide.

**Unsuitable Extinguishing Media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific Hazards Arising from the Chemical**

Gas/vapor flammable with air within explosion limits.
Highly flammable liquid and vapor.
Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
Vapors may be ignited by a spark, a hot surface or an ember.
Vapors may form explosive mixtures with air. Container can burst violently or explode when heated, due to excessive build up.

**Special Protective Equipment and Precautions for Firefighters**

**Special Fire-Fighting Equipment Procedures**

Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment.

**Special Protective Equipment for Fire-Fighters**

Heat/fire exposure: compressed air/oxygen apparatus. Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## Section 6: Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures**

Ventilate spillage area. Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes. Evacuate unnecessary personnel. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

**Methods and Materials for Containment and Clean-Up**

Take up liquid spill into absorbent material. Take up liquid spill into inert absorbent material, e.g.: sand, earth, vermiculite. Scoop absorbed substance into closing containers. See "Material-handling" for suitable container materials. Carefully collect the spill/leftovers.

Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if product enters sewers or public waters.

**Notification Procedures**

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

**Environmental Precautions**

Avoid release to the environment. Prevent spreading in sewers. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

## Section 7: Handling and Storage

**Precautions for Safe Handling**

Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty containers as full ones. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Avoid contact of substance with water. Avoid prolonged and repeated contact with skin. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust/ventilation. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only non-sparking tools. Avoid breathing dust, fumes, gas, mist, spray, vapor. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes.

**Conditions for Safe Storage, including any Incompatibilities**

Keep only in the original container in a cool, well-ventilated place away from: Ignition sources, Incompatible materials. Keep in fireproof place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

## Section 8: Exposure Controls/Personal Protection

**Control Parameters**

**Occupational Exposure Limits**

| Chemical Identity | Type | Value | Source |
|---|---|---|---|
| Isopropyl acetate | TWA | 100 ppm | USA - ACGIH |
| Isopropyl acetate | STEL | 150 ppm | USA – ACGIH |
| Isopropyl acetate | TWA | 950 mg/m³ | USA – OSHA PEL |
| Isopropyl acetate | TWA | 250 ppm | USA – OSHA PEL |

**Biological Limit Values**

The product does not contain any relevant quantities of hazardous materials with assigned biological limit values.

**Appropriate Engineering Controls**

Ensure good ventilation of the workstation.

**Individual protection measures, such as personal protective equipment (PPE)**

**General Information**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

**Eye/Face Protection**

Wear safety glasses with side shields (or goggles) and a face shield. Wear a full-face respirator, if needed.

**Skin Protection**

**Hand Protection**

Wear appropriate chemical resistant gloves.

**Other**

Wear appropriate chemical resistant clothing.

**Respiratory Protection**

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Air-purifying respirator with an

appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information

**Hygiene Measures**

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated footwear that cannot be cleaned. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before reuse. Avoid contact with eyes, skin, and clothing.

## Section 9: Physical and Chemical Properties

| | |
|---|---|
| **Appearance:** | |
| Physical State: | Liquid |
| Color: | Colorless |
| **Odor:** | Fruity odor. Aromatic odor. |
| **Odor Threshold:** | 2.7 ppm |
| **pH:** | No data available. |
| **Melting Point/Freezing Point:** | -62 °C |
| **Initial Boiling Point and Boiling Range:** | 89°C |
| **Flash Point:** | 2°C |
| **Evaporation Rate** (butyl acetate=1)**:** | 5 |
| **Flammability (solid, gas):** | No data available. |
| **Upper/Lower Limit on Flammability or Explosive Limits** | |
| Flammability Limit – Upper: | No data available. |
| Flammability Limit – Lower: | No data available. |
| Explosive Limit – Upper: | 8 vol % (Literature) |
| Explosive Limit – Lower: | 1.8 vol % (Literature) |
| **Vapor Pressure:** | 60.7 hPa (20°C, Literature) |
| **Vapor Density** (air =1)**:** | No data available. |
| **Relative Density** (water=1)**:** | 3 |
| **Solubility(ies):** | |
| Solubility in water: | Moderately soluble in water. Decomposes on exposure to water. |
| Solubility (other): | Soluble in ethanol, ether, acetone, and oils/fats. |
| **Partition coefficient (n-octanol/water):** | Log Pow: 1.18 (calculated, 20°C) |
| **Auto-Ignition Temperature:** | 479°C |
| **Decomposition Temperature:** | Not applicable. |
| **Viscosity:** | Kinematic: 0.602 $mm^2/s$ (20°C)<br>Dynamic: 0.000525 Pa.s (20°C) |
| **Other Information:** | |
| Molecular Weight: | 102.13 g/mol |
| Formula: | C5H10O2 |

## Section 10: Stability and Reactivity

**Reactivity**

Reacts violently with (strong) oxidizers: (increased) risk of fire/explosion. Violent exothermic reaction with (some) bases. Reacts with (some) acids.

**Chemical Stability**

Unstable on exposure to moisture. Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

**Possibility of Hazardous Reactions**

Not established.

**Conditions to Avoid**

Direct sunlight. Extremely high or low temperatures. Open flame. Avoid contact with hot surfaces. Heat. No flames, No sparks. Eliminate all sources of ignition.

**Incompatible Materials**

No data available.

**Hazardous Decomposition Products**

Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

## Section 11: Toxicological Information

**Information on routes of exposure**

**Ingestion:** Abdominal pain.

**Inhalation:** EXPOSURE TO HIGH CONCENTRATIONS: Headache. Respiratory difficulties. Dizziness. Drowsiness. Coughing. Dry/sore throat. Central nervous system depression.

**Skin Contact:** Causes skin irritation.

**Eye Contact:** Causes serious eye irritation.

**Information on Toxicological Effects**

**Acute Toxicity (List all possible routes of exposure)**

**Oral**

Isopropyl Acetate (Cas# 108-21-4) LD50 (oral) Rat 6750 mg/kg bodyweight

**Dermal**

Isopropyl Acetate (Cas# 108-21-4) LD50 dermal rabbit 17400 mg/kg bodyweight

**Inhalation**

Isopropyl Acetate (Cas# 108-21-4) LC50 inhalation rat 50600 mg/m$^3$

**Repeated Dose Toxicity**

Not classified.

**Skin Corrosion/Irritation**

Repeated exposure may cause skin dryness or cracking.

**Serious Eye Damage/Eye Irritation**

Causes serious eye irritation.

**Respiratory/Skin Sensitization**

Not classified.

**Carcinogenicity**

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**US. National Toxicology Program (NTP) Report on Carcinogens**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Germ Cell Mutagenicity**

**In Vitro**

No mutagenic components identified.

**In Vivo**

No mutagenic components identified.

**Reproductive Toxicity**

Not classified.

**Specific Target Organ Toxicity – Single Exposure**

May cause drowsiness or dizziness.

**Specific Target Organ Toxicity – Repeated Exposure**

None known.

**Aspiration Hazard**

Not classified.

**Other Effects**

None known.

## Section 12: Ecological Information

**Ecotoxicity**

**Acute Hazards to the Aquatic Environment**

**Fish**

Isopropyl Acetate (Cas# 108-21-4) LC50 400 mg/l Fish (96h) Fresh water static system.

**Aquatic Invertebrates**

Isopropyl Acetate (Cas# 108-21-4) EC50 110 mg/l Crustacea (48h) Salt water static system.

**Toxicity to Aquatic Plants**

No data available.

**Chronic Hazards to the Aquatic Environment**

**Fish**

No data available.

**Aquatic Invertebrates**

No data available.

**Toxicity to Aquatic Plants**

No data available.

**Persistence and Degradability**

**Biodegradation**

Readily biodegradable in water. Low potential for absorption into the soil. Photolysis in the air.

**BOD/COD Ratio**

BOD- 0.26 g O2/g substance.
COD- 1.67 g O2/g substance.

**Bioaccumulative Potential**

**Bioconcentration Factor (BCF)**

Low potential for bioaccumulation.

**Partition Coefficient n-octanol / water (log Kow)**

Log Kow < 4  Log Pow- 1.18

**Mobility in Soil**

Low potential for absorption in soil. Highly mobile in soil.

**Other Adverse Effects**

No data available.

## Section 13: Disposal Considerations

**Disposal Instructions**

Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemicals or used containers. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Contaminated Packaging**

Handle contaminated packages in the same way as the substance itself.  Follow label warnings until container is thoroughly cleaned or destroyed.

## Section 14: Transportation Information

**US Department of Transportation (DOT)**

| | |
|---|---|
| UN Number: | UN1220 |
| UN Proper Shipping Name: | Isopropyl Acetate |
| Technical Name: | - |
| Hazard Class: | 3 |
| Subsidiary Hazard Risk: | - |
| Packing Group: | II |
| DOT Label/Placard Exemptions: | Not determined |
| Special Provisions: | IB2, T4, TP1 |
| Packaging Exceptions: | 49CFR 173.150 |
| Packaging Non-Bulk: | 49CFR 173.202 |
| Packaging Bulk: | 49CFR 173.242 |
| Reportable Quantity (RQ): | 1,000lb (454kg) |
| Marine Pollutant: | No |
| Poison Inhalation Hazard: | No |
| Special precautions for user: | Transport within the user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. |
| Emergency Response Guidebook (ERG) #: | 129 |

*Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.*

## Section 15: Regulatory Information

**US Federal Regulations**

**Toxic Substance Control Act (TSCA), Chemical Substance Inventory, Section 8(b)**

This product or ingredient(s) are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

**Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substance List (40 CFR 302.4)**

No chemical(s) in this material are subject to the reporting requirements of CERCLA.

**Clean Air Act (CAA), Section 112(r)**

No chemical(s) in this material are subject to the reporting requirements of CAA.

**Emergency Planning and Community Right-To-Know Act (EPCRA)**

**EPCRA 302 Extremely Hazardous Substance**

No chemical(s) in this material are subject to the reporting requirements of SARA Title III, Section 302.

**EPCRA 304 Emergency Response Notification**

No chemical(s) in this material are subject to the reporting requirements of SARA Title III, Section 304.

**EPCRA 311/312 Emergency and Hazardous Materials Reporting**

| | |
|---|---|
| Fire Hazard: | Yes |
| Sudden Release of Pressure: | No |
| Reactive: | No |
| Acute (Immediate) Health Hazard: | Yes |
| Chronic (Delayed) Health Hazard: | No |

**EPCRA 313 Toxic Chemical Release Inventory (TRI) Reporting**

This material does not contain any chemical(s) with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US State Regulations**

**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

*Important Note: Due to the changing nature of regulatory requirements, the information in this document should NOT be considered all-inclusive or authoritative. Users should make their own investigations to determine the suitability of the information for their particular purposes. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements.*

## Section 16: Other Information

**Hazardous Materials Identification System (HMIS®) Classification**

**Health Hazard: 2**
**Chronic Health Hazard: /**
**Flammability: 3**
**Physical Hazard: 0**
(Hazard Rating: 0 – Minimal / 1 – Slight / 2 – Moderate / 3 – Serious / 4 – Severe)

**National Fire Protection Association (NFPA 704) Rating**

**Health Hazard: 2**
**Fire Hazard: 3**
**Reactivity Hazard: 0**
**Special: N/A**
(Hazard Rating: 0 – Minimal / 1 – Slight / 2 – Moderate / 3 – Serious / 4 – Severe)

| | |
|---|---|
| Prepared By: | Regulatory Manager |
| Version #: | 002 |
| Issue Date: | 8/17/2023 |
| Last Revised By: | Regulatory Assistant C |
| Last Revision Date: | 4/22/2024 |
| Current Revision: | 02 |
| Sections Revised: | 2-5, 9-12, 16 |

**Key to Abbreviations and Acronyms**

ATE - Acute Toxicity Estimate
BCF - Bioconcentration Factor
EC50 - Effective concentration, 50%
IDHL – Immediately Dangerous to Life and Health
Kg – Kilogram
l – Liter
lb – Pound
LC50 - Lethal Concentration, 50%
LD50 - Lethal Dose, 50%
mg - milligram
ml – milliliter
N/A – Not Applicable
N/D – Not Determined
PEL – Permissible Exposure Limit
REL – Recommended Exposure Limit
STEL – Short-term Exposure Limit
TWA - Time weighted average
ACGIH - American Conference of Industrial Hygienists
AIHA – American Industrial Hygiene Association
BEI - Biological Exposure Indices
CAS – Chemical Abstracts Service
DOT – US Department of Transportation
EPA – US Environmental Protection Agency
GHS - Globally Harmonized System of Classification and Labelling of Chemicals
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IBC - Intermediate Bulk Container
IMDG - International Maritime Dangerous Goods
NIOSH – National Institute for Occupational Safety and Health
NTP – National Toxicology Program
OSHA – US Occupational Health and Safety Administration
SARA – US EPA Superfund Amendments and Reauthorization Act
TSCA – US EPA Toxic Substances Control Act
UN - United Nations

**References**

HSDB® - Hazardous Substances Data Bank

**Disclaimer**

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