

SAFETY DATA SHEET

Creation Date 05-Feb-2013 Revision Date 13-Aug-2024 Revision Number 8

1. Identification

Product Name tert-Butylchlorodimethylsilane, solution in dichloromethane

Cat No.: AC369100000; AC369101000

Synonyms tert-Butyldimethylsilyl chloride; TBDMSCI

Recommended Use Uses advised against

Laboratory chemicals.

Food, drug, pesticide or biocidal product use. This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

After February 3, 2025, this chemical substance (as defined in TSCA section 3(2))/ product cannot be distributed in commerce to retailers. After January 28, 2026, this chemical substance (as defined in TSCA section 3(2))/product is and can only be distributed in commerce or processed with a concentration of methylene chloride equal to or greater than 0.1% by weight for the following purposes: (1) Processing as a reactant; (2) Processing for incorporation into a formulation, mixture, or reaction product; (3) Processing for repackaging; (4) Processing for recycling; (5) Industrial or commercial use as a laboratory chemical; (6) Industrial or commercial use as a bonding agent for solvent welding; (7) Industrial and commercial use as a paint and coating remover from safety critical, corrosion sensitive components of aircraft and spacecraft; (8) Industrial and commercial use as a processing aid; (9) Industrial and commercial use for plastic and rubber products manufacturing; (10) Industrial and commercial use as a solvent that becomes part of a formulation or mixture, where that formulation or mixture will be used inside a manufacturing process, and the solvent (methylene chloride) will be reclaimed; (11) Industrial and commercial use in the refinishing for wooden furniture, decorative pieces, and architectural fixtures of artistic, cultural or historic value until May 8, 2029; (12) Industrial and commercial use in adhesives and sealants in aircraft, space vehicle, and turbine applications for structural and safety critical non-structural applications until May 8, 2029; (13) Disposal; and (14) Export.

Details of the supplier of the safety data sheet

Company

Fisher Scientific Company One Reagent Lane Fair Lawn, NJ 07410 Tel: (201) 796-7100 Acros Organics One Reagent Lane Fair Lawn, NJ 07410

Emergency Telephone Number

For information **US** call: 001-800-227-6701 / **Europe** call: +32 14 57 52 11 Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99 **CHEMTREC** Tel. No. **US**:001-800-424-9300 / **Europe**:001-703-527-3887

2. Hazard(s) identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Category 1

Carcinogenicity

Category 1

Category 1

Category 1

Category 1

Category 1B

Category 3

Target Organs - Central nervous system (CNS), Respiratory system.

Label Elements

Signal Word

Danger

Hazard Statements

Flammable liquid and vapor Causes severe skin burns and eye damage May cause respiratory irritation May cause drowsiness or dizziness May cause cancer



Precautionary Statements

Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Use only outdoors or in a well-ventilated area

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/lighting equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Keep cool

Response

Immediately call a POISON CENTER or doctor/physician

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing **Ingestion**

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction

Storage

Store locked up

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

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Harmful to aquatic life with long lasting effects

Other hazards

Contains a known or suspected endocrine disruptor. WARNING. Cancer - https://www.p65warnings.ca.gov/.

3. Composition/Information on Ingredients

| Component | CAS No | Weight % |
|--|------------|----------|
| Methylene chloride | 75-09-2 | 88 |
| Silane, chloro(1,1-dimethylethyl)dimethyl- | 18162-48-6 | 12 |

4. First-aid measures

General Advice Show this safety data sheet to the doctor in attendance. Immediate medical attention is

required.

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Immediate medical attention is required.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Remove and wash

contaminated clothing and gloves, including the inside, before re-use. Call a physician

immediately.

Inhalation If not breathing, give artificial respiration. Remove from exposure, lie down. Do not use

mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory

medical device. Call a physician immediately.

Ingestion Do NOT induce vomiting. Clean mouth with water. Never give anything by mouth to an

unconscious person. Call a physician immediately.

Most important symptoms and

effects

Notes to Physician

Causes burns by all exposure routes. Causes central nervous system depression:

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting: Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes

severe swelling, severe damage to the delicate tissue and danger of perforation

Treat symptomatically

5. Fire-fighting measures

Suitable Extinguishing Media Water mist may be used to cool closed containers. CO 2, dry chemical, dry sand,

alcohol-resistant foam.

Unsuitable Extinguishing Media DO NOT USE WATER

Flash Point 58 °C / 136.4 °F

Method - No information available

Autoignition Temperature

Explosion Limits

No information available

Upper No data available
Lower No data available
Sensitivity to Mechanical Impact No information available
Sensitivity to Static Discharge No information available

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors. The product causes burns of eyes, skin and mucous membranes.

Hazardous Combustion Products

Carbon monoxide (CO). Carbon dioxide (CO2). Silicon dioxide. Phosgene. Hydrogen chloride gas.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

NFPA

HealthFlammabilityInstabilityPhysical hazards321N/A

6. Accidental release measures

Personal Precautions Use personal protective equipment as required. Ensure adequate ventilation. Evacuate

personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental Precautions Should not be released into the environment.

Methods for Containment and Clean Keep in suitable, closed containers for disposal. Soak up with inert absorbent material. Do **up** not expose spill to water.

7. Handling and storage

Handling Do not get in eyes, on skin, or on clothing. Wear personal protective equipment/face

protection. Use only under a chemical fume hood. Do not breathe mist/vapors/spray. Do not ingest. If swallowed then seek immediate medical assistance. Do not allow contact with

water.

Storage. Keep away from heat, sparks and flame. Protect from moisture. Corrosives area. Keep

containers tightly closed in a dry, cool and well-ventilated place. Keep away from water or

moist air. Incompatible Materials. Strong oxidizing agents. Metals.

8. Exposure controls / personal protection

Exposure Guidelines

| Component | ACGIH TLV | OSHA PEL | NIOSH | Mexico OEL (TWA) |
|--------------------|-------------|-----------------------------|----------------|------------------|
| Methylene chloride | TWA: 50 ppm | (Vacated) TWA: 500 ppm | IDLH: 2300 ppm | TWA: 50 ppm |
| | | (Vacated) STEL: 2000 ppm | | |
| | | (Vacated) Ceiling: 1000 ppm | | |
| | | TWA: 25 ppm | | |
| | | STEL: 125 ppm | | |

Legend

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH: NIOSH - National Institute for Occupational Safety and Health

Engineering Measures Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations

and safety showers are close to the workstation location. Use explosion-proof electrical/ventilating/lighting equipment. Use only under a chemical fume hood.

Personal Protective Equipment

Eye/face Protection Wear appropriate protective eyeglasses or chemical safety goggles as described by

OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard

EN166.

Skin and body protectionWear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard

EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Recommended Filter type: low boiling organic solvent. Type AX. Brown. conforming to EN371. or. Organic gases and

vapours filter. Type A. Brown. conforming to EN14387.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical State Liquid
Appearance Colorless

Odor No information available
Odor Threshold No information available
pH No information available

Melting Point/Range
No data available
No information available

Boiling Point/RangeNo information availableFlash Point58 °C / 136.4 °FEvaporation RateNo information availableFlammability (solid,gas)Not applicable

Flammability or explosive limits

Upper No data available
Lower No data available
No information av

Vapor PressureNo information availableVapor DensityNo information available

Specific Gravity 1.225

Solubility

No information available

Partition coefficient; n-octanol/water

No data available

Autoignition TemperatureNo information availableDecomposition TemperatureNo information availableViscosityNo information available

Molecular Formula C6 H15 Cl Si Molecular Weight 150.72

10. Stability and reactivity

Reactive Hazard Yes

Stability Moisture sensitive.

Conditions to Avoid Heat, flames and sparks. Keep away from open flames, hot surfaces and sources of

ignition. Incompatible products. Exposure to moist air or water. Exposure to moisture.

Incompatible Materials Strong oxidizing agents, Metals

Hazardous Decomposition Products Carbon monoxide (CO), Carbon dioxide (CO2), Silicon dioxide, Phosgene, Hydrogen

chloride gas

Hazardous Polymerization Hazardous polymerization does not occur.

Hazardous Reactions None under normal processing.

11. Toxicological information

Acute Toxicity

Product Information The toxicological properties have not been fully investigated

Oral LD50

Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

Dermal LD50

Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

Vapor LC50

Based on ATE data, the classification criteria are not met. ATE > 20 mg/l.

Component Information

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|------------------------------------|--------------------|----------------------|-------------------------------------|
| Methylene chloride | > 2000 mg/kg (Rat) | > 2000 mg/kg (Rat) | 53 mg/L (Rat) 6 h |
| - | | | 76000 mg/m ³ (Rat) 4 h |
| Silane, | >2000 mg/kg (Rat) | Not listed | Not listed |
| chloro(1,1-dimethylethyl)dimethyl- | | | |

Toxicologically Synergistic

No information available

Products

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation Causes burns by all exposure routes

Sensitization No information available

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Component | CAS No | IARC | NTP | ACGIH | OSHA | Mexico |
|------------------------|------------|------------|-------------|------------|------------|------------|
| Methylene chloride | 75-09-2 | Group 2A | Reasonably | A3 | X | A3 |
| _ | | | Anticipated | | | |
| Silane, | 18162-48-6 | Not listed | Not listed | Not listed | Not listed | Not listed |
| chloro(1,1-dimethyleth | | | | | | |
| vl)dimethyl- | | | | | | |

IARC (International Agency for Research on Cancer)

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans Group 2B - Possibly Carcinogenic to Humans

NTP: (National Toxicity Program)

NTP: (National Toxicity Program)

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human

Carcinogen

ACGIH: (American Conference of Governmental Industrial A1 - Known Human

Hygienists)

A1 - Known Human Carcinogen A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

ACGIH: (American Conference of Governmental Industrial Hygienists)

Mexico - Occupational Exposure Limits - Carcinogens

A1 - Confirmed Human Carcinogen A2 - Suspected Human Carcinogen A3 - Confirmed Animal Carcinogen

A4 - Not Classifiable as a Human Carcinogen

A5 - Not Suspected as a Human Carcinogen

Mutagenic Effects No information available

Mexico - Occupational Exposure Limits - Carcinogens

Reproductive EffectsNo information available.Developmental EffectsNo information available.TeratogenicityNo information available.

STOT - single exposure Central nervous system (CNS) Respiratory system

STOT - repeated exposure None known

Aspiration hazardNo information available

Symptoms / effects, both acute and Causes central nervous system depression: Symptoms of overexposure may be headache,

delayed

dizziness, tiredness, nausea and vomiting: Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue

and danger of perforation

Endocrine Disruptor Information No information available

Other Adverse Effects The toxicological properties have not been fully investigated.

12. Ecological information

Ecotoxicity

Do not empty into drains. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains following substances which are hazardous for the environment.

| Component | Freshwater Algae | Freshwater Fish | Microtox | Water Flea |
|--------------------|--------------------|----------------------|------------------------|--------------------|
| Methylene chloride | EC50:>660 mg/L/96h | Pimephales promelas: | EC50: 1 mg/L/24 h | EC50: 140 mg/L/48h |
| 1 | | LC50:193 mg/L/96h | EC50: 2.88 mg/L/15 min | _ |

Persistence and Degradability

No information available

Bioaccumulation/ Accumulation No information available.

Mobility .

| Component | log Pow |
|--------------------|---------|
| Methylene chloride | 1.25 |

13. Disposal considerations

Waste Disposal Methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

| Component | RCRA - U Series Wastes | RCRA - P Series Wastes |
|------------------------------|------------------------|------------------------|
| Methylene chloride - 75-09-2 | U080 | - |

14. Transport information

DOT

UN-No UN2920

Proper Shipping NameCORROSIVE LIQUIDS, FLAMMABLE, N.O.S. **Technical Name**Silane, chloro(1,1-dimethylethyl)dimethyl-

Hazard Class 8 Subsidiary Hazard Class 3 Packing Group 1

TDG

UN-No UN2920

Proper Shipping Name Corrosive liquid, flammable, n.o.s.

Hazard Class 8
Subsidiary Hazard Class 3
Packing Group 1

<u>IATA</u>

UN-No UN2920

Proper Shipping Name Corrosive liquid, flammable, n.o.s.

Hazard Class 8
Subsidiary Hazard Class 3

Packing Group

IMDG/IMO

UN-No UN2920

Proper Shipping Name Corrosive liquid, flammable, n.o.s.

Hazard Class 8
Subsidiary Hazard Class 3
Packing Group 1

15. Regulatory information

United States of America Inventory

| Component | CAS No | TSCA | TSCA Inventory notification - Active-Inactive | TSCA - EPA Regulatory Flags |
|------------------------------------|------------|------|--|--------------------------------|
| Methylene chloride | 75-09-2 | Χ | ACTIVE | R |
| Silane, | 18162-48-6 | Χ | ACTIVE | - |
| chloro(1,1-dimethylethyl)dimethyl- | | | | |

Legend:

TSCA US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

'-' - Not Listed

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

Section 6(a) of the Toxic Substances Control Act (TSCA)

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

After February 3, 2025, this chemical substance (as defined in TSCA section 3(2))/ product cannot be distributed in commerce to retailers. After January 28, 2026, this chemical substance (as defined in TSCA section 3(2))/product is and can only be distributed in commerce or processed with a concentration of methylene chloride equal to or greater than 0.1% by weight for the following purposes: (1) Processing as a reactant; (2) Processing for incorporation into a formulation, mixture, or reaction product; (3) Processing for repackaging; (4) Processing for recycling; (5) Industrial or commercial use as a laboratory chemical; (6) Industrial or commercial use as a bonding agent for solvent welding; (7) Industrial and commercial use as a paint and coating remover from safety critical, corrosion sensitive components of aircraft and spacecraft; (8) Industrial and commercial use as a processing aid; (9) Industrial and commercial use for plastic and rubber products manufacturing; (10) Industrial and commercial use as a solvent that becomes part of a formulation or mixture, where that formulation or mixture will be used inside a manufacturing process, and the solvent (methylene chloride) will be reclaimed; (11) Industrial and commercial use in the refinishing for wooden furniture, decorative pieces, and architectural fixtures of artistic, cultural or historic value until May 8, 2029; (12) Industrial and commercial use in adhesives and sealants in aircraft, space vehicle, and turbine applications for structural and safety critical non-structural applications until May 8, 2029; (13) Disposal; and (14) Export.

TSCA - Per 40 CFR 751, Regulation of Certain Chemical Substances & Mixtures, Under TSCA Section 6(h) (PBT)

Not applicable

TSCA 12(b) - Notices of Export

Not applicable

| Component | CAS No | TSCA 12(b) - Notices of Export |
|--------------------|---------|--------------------------------|
| Methylene chloride | 75-09-2 | Section 6 |

International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL).

| Component | CAS No | DSL | NDSL | EINECS | PICCS | ENCS | ISHL | AICS | IECSC | KECL |
|------------------------------------|------------|-----|------|-----------|-------|------|------|------|-------|----------|
| Methylene chloride | 75-09-2 | Χ | - | 200-838-9 | Χ | Χ | Χ | Х | Х | KE-23893 |
| Silane, | 18162-48-6 | - | Х | 242-042-4 | Х | Χ | Х | Х | Х | 97-3-163 |
| chloro(1,1-dimethylethyl)dimethyl- | | | | | | | | | | |

KECL - NIER number or KE number (http://ncis.nier.go.kr/en/main.do)

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Component | CAS No | Weight % | SARA 313 - Threshold Values % | SARA 313 - Reporting threasholds |
|--------------------|---------|----------|----------------------------------|----------------------------------|
| Methylene chloride | 75-09-2 | 88 | 0.1 % | - |

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

| Component | CWA - Hazardous Substances | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants |
|--------------------|-------------------------------|--------------------------------|------------------------|---------------------------|
| Methylene chloride | - | - | X | X |

Clean Air Act

| Component | HAPS Data | Class 1 Ozone Depletors | Class 2 Ozone Depletors |
|--------------------|-----------|-------------------------|-------------------------|
| Methylene chloride | X | | - |

OSHA - Occupational Safety and

Not applicable

Health Administration

| Component | Specifically Regulated Chemicals | Highly Hazardous Chemicals |
|--------------------|----------------------------------|----------------------------|
| Methylene chloride | 125 ppm STEL | - |
| , | 12.5 ppm Action Level | |
| | 25 ppm TWA | |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

| Component | Hazardous Substances RQs | CERCLA Extremely Hazardous Substances RQs | SARA Reportable Quantity (RQ) |
|--------------------|-----------------------------|---|-------------------------------|
| Methylene chloride | 1000 lb | - | 1000 lb 454 kg |

California Proposition 65

This product contains the following Proposition 65 chemicals.

| Component | CAS No | California Prop. 65 | Prop 65 NSRL | Category |
|--------------------|---------|---------------------|-------------------------|------------|
| Methylene chloride | 75-09-2 | Carcinogen | 200 μg/day 50 μg/day | Carcinogen |

U.S. State Right-to-Know

Regulations

| Component | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island | | |
|--------------------|---------------|------------|--------------|----------|--------------|--|--|
| Methylene chloride | X | X | X | X | X | | |

U.S. Department of Transportation

Reportable Quantity (RQ): Y
DOT Marine Pollutant N
DOT Severe Marine Pollutant N

U.S. Department of Homeland

Security

This product does not contain any DHS chemicals.

of Homeland This product does not contain any bric chemicals.

Other International Regulations

Mexico - Grade No information available

Authorisation/Restrictions according to EU REACH

| Component | CAS No | REACH (1907/2006) - Annex XIV - Substances Subject to Authorization | REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances | REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC) |
|--|------------|---|---|---|
| Methylene chloride | 75-09-2 | - | Use restricted. See entry 59. (see link for restriction details) Use restricted. See entry 75. (see link for restriction details) | - |
| Silane, chloro(1,1-dimethylethyl)dimethyl- | 18162-48-6 | - | - | - |

REACH links

https://echa.europa.eu/substances-restricted-under-reach

Safety, health and environmental regulations/legislation specific for the substance or mixture

| Component | CAS No | OECD HPV | Persistent Organic Pollutant | Ozone Depletion Potential | Restriction of Hazardous Substances (RoHS) |
|---|------------|----------------|---------------------------------|------------------------------|--|
| Methylene chloride | 75-09-2 | Listed | Not applicable | Not applicable | Not applicable |
| Silane, chloro(1,1-dimethylethyl)dimet hyl- | 18162-48-6 | Not applicable | Not applicable | Not applicable | Not applicable |

Contains component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS)? Not applicable

Other International Regulations

| Component | CAS No | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements | Rotterdam Convention (PIC) | Basel Convention (Hazardous Waste) |
|---|------------|---|--|-------------------------------|---------------------------------------|
| Methylene chloride | 75-09-2 | Not applicable | Not applicable | Not applicable | Annex I - Y45 |
| Silane, chloro(1,1-dimethylethyl)dimet hyl- | 18162-48-6 | Not applicable | Not applicable | Not applicable | Not applicable |

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Prepared By Regulatory Affairs

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Revision Summary

This document has been updated to comply with the US OSHA HazCom 2012 Standard

replacing the current legislation under 29 CFR 1910.1200 to align with the Globally

Harmonized System of Classification and Labeling of Chemicals (GHS).

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of SDS