



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

| | |
|----------------------------------|--|
| Product Name | • Vinyl Chloride |
| Synonyms | • Chloroethene; Chloroethylene; VCl; VCM |
| CAS Number | • 75-01-4 |
| EC Number | • 200-831-0 |
| REACH Registration Number | • 01-2119458772-30-XXXX |

1.2 Relevant identified uses of the substance or mixture and uses advised against

| | |
|-----------------------------------|--|
| Relevant identified use(s) | • Manufacture of polyvinyl chloride (PVC) plastics and vinyl chloride copolymers |
|-----------------------------------|--|

1.3 Details of the supplier of the safety data sheet

| | |
|----------------------------|--|
| Manufacturer | • Westlake Vinyls, Inc. P.O. Box 712 2468 Industrial Parkway Calvert City, KY 42029 United States www.westlake.com |
| Telephone (General) | • 270-395-4151 |

1.4 Emergency telephone number

| | |
|---------------------|--|
| Manufacturer | • (800) 424-9300 - Chemtrec - Transportation emergency |
|---------------------|--|

Section 2: Hazards Identification

EU/EEC

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

| | |
|----------------|---|
| CLP | • Flammable Gases 1 - H220 Liquefied Gas - H280 Carcinogenicity 1A - H350 |
| DSD/DPD | • Extremely Flammable (F+) Carcinogenic Substances - Category 1 R12, R45 |

2.2 Label Elements

CLP

DANGER



- Hazard statements**
- H220 - Extremely flammable gas
 - H280 - Contains gas under pressure; may explode if heated
 - H350 - May cause cancer.

Precautionary statements

- Prevention**
- P201 - Obtain special instructions before use.
 - P202 - Do not handle until all safety precautions have been read and understood.
 - P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
 - P281 - Use personal protective equipment as required.
- Response**
- P377 - Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
 - P381 - Eliminate all ignition sources if safe to do so.
 - P308+P313 - IF exposed or concerned: Get medical advice/attention.
- Storage/Disposal**
- P410+P403 - Protect from sunlight. Store in a well-ventilated place.
 - P405 - Store locked up.
 - P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD



- Risk phrases**
- R12 - Extremely flammable.
 - R45 - May cause cancer.
- Safety phrases**
- S9 - Keep container in a well-ventilated place
 - S16 - Keep away from sources of ignition - No Smoking.
 - S53 - Avoid exposure - obtain special instructions before use.

2.3 Other Hazards

CLP

- Contact with gas or liquefied gas will cause burns, severe injury and/or frostbite. According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD

- Contact with gas or liquefied gas will cause burns, severe injury and/or frostbite. This product is considered dangerous according to the European Directive 67/548/EEC.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

- OSHA HCS 2012
- Flammable Gases 1 - H220
 - Liquefied Gas - H280
 - Acute Toxicity Oral 4 - H302
 - Carcinogenicity 1A - H350
 - Reproductive Toxicity 1B - H360

2.2 Label elements

OSHA HCS 2012

DANGER



- Hazard statements**
- Extremely flammable gas - H220
 - Contains gas under pressure; may explode if heated - H280
 - Harmful if swallowed - H302
 - May cause cancer. - H350
 - May damage fertility or the unborn child. - H360

Precautionary statements

- Prevention**
- Obtain special instructions before use. - P201
 - Do not handle until all safety precautions have been read and understood. - P202
 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking. - P210
 - Wash thoroughly after handling. - P264
 - Do not eat, drink or smoke when using this product. - P270
 - Wear protective gloves/protective clothing/eye protection/face protection. - P280
- Response**
- Leaking gas fire: Do not extinguish, unless leak can be stopped safely. - P377
 - Eliminate all ignition sources if safe to do so. - P381
 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell. - P301+P312
 - Rinse mouth. - P330
 - IF exposed or concerned: Get medical advice/attention. - P308+P313

- Storage/Disposal**
- Protect from sunlight. Store in a well-ventilated place. - P410+P403
 - Store locked up. - P405
 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

2.3 Other hazards

- OSHA HCS 2012
- Contact with gas or liquefied gas will cause burns, severe injury and/or frostbite. Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to WHMIS

2.1 Classification of the substance or mixture

- WHMIS
- Compressed Gas - A
 - Flammable Gases - B1
 - Other Toxic Effects - D2A
 - Other Toxic Effects - D2B
 - Dangerously reactive - F

2.2 Label elements

WHMIS



- Compressed Gas - A

Flammable Gases - B1
 Other Toxic Effects - D2A
 Other Toxic Effects - D2B
 Dangerously reactive - F

2.3 Other hazards

WHMIS • Contact with gas or liquefied gas will cause burns, severe injury and/or frostbite.
 In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

3.1 Substances

| Composition | | | | | |
|----------------|---|---------|--|--|----------|
| Chemical Name | Identifiers | % | LD50/LC50 | Classifications According to Regulation/Directive | Comments |
| Vinyl Chloride | CAS:75-01-4 EC Number:200-831-0 EU Index:602-023-00-7 | > 99.9% | Ingestion/Oral-Rat LD50 • 500 mg/kg Inhalation-Rat LC50 • 18 pph 15 Minute(s) | EU DSD/DPD: Annex VI, Table 3.2: F+ R12 Carc.Cat.1 R45 EU CLP: Annex VI, Table 3.1: Flam. Gas 1, H220; Press. Gas - Liq., H280; Carc. 1A, H350 OSHA HCS 2012: Flam. Gas 1; Press. Gas - Liq.; Carc 1A; Repr. 1B; Acute Tox 4 (oral) | NDA |

3.2 Mixtures

- Material does not meet the criteria of a mixture in accordance with Regulation (EC) No 1272/2008.

Section 4 - First Aid Measures

4.1 Description of first aid measures

- Inhalation** • IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Skin** • If frostbite has occurred, seek medical attention immediately; do NOT rub the affected area(s) or flush them with water. In order to prevent further tissue damage, do NOT attempt to remove frozen clothing from frostbitten areas. If frostbite has not occurred, immediately and thoroughly wash contaminated skin with soap and water.
- Eye** • If eye tissue is frozen, seek medical attention immediately; if tissue is not frozen, immediately and thoroughly flush the eyes with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation, pain, swelling, lacrimation or photophobia persist, get medical attention as soon as possible.
- Ingestion** • If frostbite has occurred, seek medical attention immediately; do NOT rub the affected area(s) or flush them with water. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician** • All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. A potential health hazard associated with this gas is anoxia.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media • ABC Dry Chemical and Halon.

Unsuitable Extinguishing Media • No data available

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • EXTREMELY FLAMMABLE
Will be easily ignited by heat, sparks or flames.
Will form explosive mixtures with air.
Vapors from liquefied gas are initially heavier than air and spread along ground.
Vapors may travel to source of ignition and flash back.
Cylinders exposed to fire may vent and release flammable gas through pressure relief devices.
Containers may explode when heated.
Ruptured cylinders may rocket.

Hazardous Combustion Products • No data available

5.3 Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear positive pressure self-contained breathing apparatus (SCBA).
Move containers from fire area if you can do it without risk.
FIRE: If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.
FIRE INVOLVING TANKS: Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
FIRE INVOLVING TANKS: Cool containers with flooding quantities of water until well after fire is out.
FIRE INVOLVING TANKS: Do not direct water at source of leak or safety devices; icing may occur.
FIRE INVOLVING TANKS: Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
FIRE INVOLVING TANKS: ALWAYS stay away from tanks engulfed in fire.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions • Ventilate the area before entry. Do not walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures • Keep unauthorized personnel away. Keep out of low areas. Stay upwind. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not direct water at spill or source of leak. LARGE SPILL: Consider initial downwind evacuation for at least 500 meters (1/3 mile)

6.2 Environmental precautions

- Prevent spreading of vapors through sewers, ventilation systems and confined areas.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures • Stop leak if you can do it without risk.
Ventilate the area.

Isolate area until gas has dispersed.
 Use water spray to reduce vapors; do not put water directly on leak, spill area or inside container.
 If possible, turn leaking containers so that gas escapes rather than liquid.
 All equipment used when handling the product must be grounded.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling • All equipment used when handling the product must be grounded. Keep away from heat and ignition sources – No Smoking. Take precautionary measures against static charges. Use only with adequate ventilation. Use only non-sparking tools. Ventilate closed spaces before entering. Be aware of any signs of dizziness or fatigue, especially if work is done in a poorly ventilated area; exposures to fatal concentrations of this gas mixture could occur without any significant warning symptoms, due to olfactory fatigue or oxygen deficiency. Cylinders should be firmly secured to prevent falling or being knocked-over. Do not attempt to repair, adjust, or in any other way modify cylinders. If there is a malfunction or another type of operational problem, contact nearest distributor immediately. Empty containers retain product residue and can be hazardous. Do not cut, weld, puncture or incinerate container.

7.2 Conditions for safe storage, including any incompatibilities

Storage • Keep container closed and in ventilated area, away from ignition sources, heat, open flames, and direct sunlight. Do not store with incompatible materials.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

| | | Exposure Limits/Guidelines | |
|-----------------------------|--------|----------------------------|-----------------------------------|
| | Result | ACGIH | OSHA |
| Vinyl Chloride (75-01-4) | STELs | Not established | 5 ppm STEL (see 29 CFR 1910.1017) |
| | TWAs | 1 ppm TWA | 1 ppm TWA |

8.2 Exposure controls

Engineering Measures/Controls • Use explosion-proof - electrical, ventilating and/or lighting equipment. Good general ventilation 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.

Personal Protective Equipment

Respiratory • 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 symptoms are experienced.

Eye/Face • Wear safety glasses.

Skin/Body • Wear leather gloves when handling cylinders.

Environmental • Follow best practice for site management and disposal of waste. Controls should be

Exposure Controls engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene
 OSHA = Occupational Safety and Health Administration
 STEL = Short Term Exposure Limits are based on 15-minute exposures
 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

| Material Description | | | |
|-------------------------------------|-------------------------------|------------------------|--|
| Physical Form | Gas | Appearance/Description | Colorless gas with a mild, sweet odor. |
| Color | Colorless | Odor | Mild, sweet odor. |
| Odor Threshold | Data lacking | | |
| General Properties | | | |
| Boiling Point | -13.8 C(7.16 F) | Melting Point | -154 C(-245.2 F) |
| Decomposition Temperature | Data lacking | pH | Not relevant |
| Specific Gravity/Relative Density | Data lacking | Water Solubility | 0.11 g/100 g @ (25°C) |
| Viscosity | Data lacking | Explosive Properties | Data lacking |
| Oxidizing Properties: | Data lacking | | |
| Volatility | | | |
| Vapor Pressure | 2500 mmHg (torr) @ 20 C(68 F) | Vapor Density | 2.2 Air=1 |
| Evaporation Rate | Data lacking | | |
| Flammability | | | |
| Flash Point | -78 C(-108.4 F) | UEL | 33 % |
| LEL | 3.6 % | Autoignition | 472 C(881.6 F) |
| Flammability (solid, gas) | Flammable Gas. | | |
| Environmental | | | |
| Octanol/Water Partition coefficient | Data lacking | | |

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- Hazardous reactions are possible with this material. May polymerize in the presence of air, sunlight or heat. Violent polymerization can be caused by oxidizers, metals and certain catalytic impurities.

10.2 Chemical stability

- Stable (Hazardous peroxide can form by oxidation with atmospheric oxygen when stored for prolonged periods in the presence of a variety of contaminants.)

10.3 Possibility of hazardous reactions

- Will occur. (Polymerizes in the presence of air, sunlight or heat.)

10.4 Conditions to avoid

- Excess heat.

10.5 Incompatible materials

- Avoid contact with strong oxidizers. Can cause violent polymerization increasing risks of fire and explosion. Metals such as copper, aluminum and certain catalytic impurities can initiate a violent polymerization.

10.6 Hazardous decomposition products

- Hydrogen chloride gas, carbon monoxide, carbon dioxide, and possibly trace amounts of phosgene and other gases.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

| | | Components |
|-----------------------------|---------|---|
| Vinyl Chloride (> 99.9%) | 75-01-4 | Acute Toxicity: Ingestion/Oral-Rat LD50 • 500 mg/kg; Multi-dose Toxicity: Inhalation-Rat TClO • 30 mg/m ³ 4 Hour(s) 20 Day(s)-Intermittent; <i>Cardiac:EKG changes not diagnostic of above;</i> Mutagen: DNA damage • Inhalation-Rat • 205 ppm 5 Hour(s); Reproductive: Inhalation-Rat TClO • 500 ppm 7 Hour(s)(6-15D preg); <i>Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus); Reproductive Effects:Specific Developmental Abnormalities:Musculoskeletal system;</i> Tumorigen / Carcinogen: Inhalation-Rat TClO • 10000 ppm 4 Hour(s); <i>Tumorigenic:Carcinogenic by RTECS criteria; Reproductive Effects:Tumorigenic Effects:Transplacental tumorigenesis; Endocrine:Tumors</i> |

| GHS Properties | Classification |
|-------------------------------|---|
| Acute toxicity | EU/CLP•Data lacking OSHA HCS 2012•Acute Toxicity - Oral 4 |
| Aspiration Hazard | EU/CLP•Data lacking OSHA HCS 2012•Data lacking |
| Carcinogenicity | EU/CLP•Carcinogenicity 1A OSHA HCS 2012•Carcinogenicity 1A |
| Germ Cell Mutagenicity | EU/CLP•Data lacking OSHA HCS 2012•Data lacking |
| Skin corrosion/Irritation | EU/CLP•Data lacking OSHA HCS 2012•Data lacking |
| Skin sensitization | EU/CLP•Data lacking OSHA HCS 2012•Data lacking |
| STOT-RE | EU/CLP•Data lacking OSHA HCS 2012•Data lacking |
| STOT-SE | EU/CLP•Data lacking OSHA HCS 2012•Data lacking |
| Toxicity for Reproduction | EU/CLP•Data lacking OSHA HCS 2012•Toxic to Reproduction 1B |
| Respiratory sensitization | EU/CLP•Data lacking OSHA HCS 2012•Data lacking |
| Serious eye damage/Irritation | EU/CLP•Data lacking OSHA HCS 2012•Data lacking |

Potential Health Effects

Inhalation

- Acute (Immediate)** • Contact with gas or liquefied gas will cause burns, severe injury and/or frostbite.
- Chronic (Delayed)** • No data available

Skin

Acute (Immediate) • Contact with gas or liquefied gas will cause burns, severe injury and/or frostbite.

Chronic (Delayed) • No data available

Eye

Acute (Immediate) • Contact with gas or liquefied gas will cause burns, severe injury and/or frostbite.

Chronic (Delayed) • No data available

Ingestion

Acute (Immediate) • Harmful if swallowed. Ingestion will cause burns similar to frostbite.

Chronic (Delayed) • No data available

Carcinogenic Effects • Vinyl chloride has been reported to cause angiosarcoma of the liver, a rare form of liver cancer in humans.

| Carcinogenic Effects | | | | |
|----------------------|---------|-----------------------------------|----------------------|------------------------|
| | CAS | OSHA | IARC | NTP |
| Vinyl Chloride | 75-01-4 | Specifically Regulated Carcinogen | Group 1-Carcinogenic | Known Human Carcinogen |

Reproductive Effects • Repeated and prolonged exposure may cause reproductive effects.

Key to abbreviations

LD = Lethal Dose

TC = Toxic Concentration

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been conducted for this material.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

| | 14.1 UN number | 14.2 UN proper shipping name | 14.3 Transport hazard class(es) | 14.4 Packing group | 14.5 Environmental hazards |
|-----------|----------------|---|---------------------------------|--------------------|----------------------------|
| DOT | UN1086 | Vinyl Chloride, Inhibited or Vinyl Chloride, Stabilized | 2.1 | NDA | NDA |
| TDG | UN1086 | VINYL CHLORIDE, STABILIZED | 2.1 | NDA | NDA |
| IMO/IMDG | UN1086 | VINYL CHLORIDE, STABILIZED | 2.1 | NDA | NDA |
| IATA/ICAO | UN1086 | Vinyl Chloride, Inhibited | 2.1 | NDA | NDA |

14.6 Special precautions for user

- Cylinders should be transported in a secure position, in a well-ventilated vehicle. The transportation of compressed gas cylinders in automobiles or in closed-body vehicles can present serious safety hazards. If transporting these cylinders in vehicles, ensure these cylinders are not exposed to extremely high temperatures (as may occur in an enclosed vehicle on a hot day). Additionally, the vehicle should be well-ventilated during transportation.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Data lacking.

Section 15 - Regulatory Information

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

SARA Hazard Classifications

- Acute, Chronic, Fire, Pressure(Sudden Release of)

| Inventory | | | | | | |
|--------------------|---------|----------------|------------|-------------|-------------|-------------------|
| Component | CAS | Australia AICS | Canada DSL | Canada NDSL | China | EU EINECS |
| Vinyl Chloride | 75-01-4 | Yes | Yes | No | Yes | Yes |
| Inventory (Con't.) | | | | | | |
| Component | CAS | EU ELNICS | Japan ENCS | Korea KECL | New Zealand | Philippines PICCS |
| Vinyl Chloride | 75-01-4 | No | Yes | Yes | Yes | Yes |
| Inventory (Con't.) | | | | | | |
| Component | CAS | TSCA | | | | |
| Vinyl Chloride | 75-01-4 | Yes | | | | |

Canada

Labor

Canada - WHMIS - Classifications of Substances

•Vinyl Chloride 75-01-4 A, B1, D2A, D2B, F

Canada - WHMIS - Ingredient Disclosure List

•Vinyl Chloride 75-01-4 0.1 %

Environment

Canada - CEPA - Priority Substances List

•Vinyl Chloride 75-01-4 Not Listed

Europe

Other

EU - Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU) (RoHS)

•Vinyl Chloride 75-01-4 Not Listed

EU - Inventory of Cosmetic Ingredients Directive (INCI) (76/768/EEC) - Other Ingredients

•Vinyl Chloride 75-01-4 Not Listed

Japan

Environment

Japan - Pollutant Release Transfer Register (PRTR) - Class 1 Substances

•Vinyl Chloride 75-01-4 94 >=0.1 % (Specific class 1 substances)

Japan - Pollutant Release Transfer Register (PRTR) - Class 2 Substances

•Vinyl Chloride 75-01-4 Not Listed

Inventory - Japan - Industrial Safety and Health Law Substances (ISHL)

•Vinyl Chloride 75-01-4 Not Listed

Other Agency Information

Other

CONEG - Model Toxics in Packaging Legislation

•Vinyl Chloride 75-01-4 Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

•Vinyl Chloride 75-01-4 Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

•Vinyl Chloride 75-01-4 0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min)

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

•Vinyl Chloride 75-01-4

U.S. - CAA (Clean Air Act) - Class I Ozone Depletors

•Vinyl Chloride 75-01-4 Not Listed

U.S. - CAA (Clean Air Act) - Class II Ozone Depletors

•Vinyl Chloride 75-01-4 Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

•Vinyl Chloride 75-01-4 1 lb final RQ; 0.454 kg final RQ

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

•Vinyl Chloride 75-01-4 Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

•Vinyl Chloride 75-01-4 Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

•Vinyl Chloride 75-01-4 0.1 % de minimis concentration

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

•Vinyl Chloride 75-01-4 Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

•Vinyl Chloride 75-01-4 carcinogen, initial date 2/27/87

U.S. - California - Proposition 65 - Developmental Toxicity

•Vinyl Chloride 75-01-4 Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

•Vinyl Chloride 75-01-4 Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

•Vinyl Chloride 75-01-4 3 µg/day NSRL

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

•Vinyl Chloride 75-01-4 Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

•Vinyl Chloride 75-01-4 Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date • 01/April/2015

Preparation Date • 01/April/2015

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Key to abbreviations

NDA = No data available