

Revision: 4 Date of Issue: 18.06.2020

SAFETY DATA SHEET

ACCORDING TO EC-REGULATION 1272/2008 (CLP/GHS).

| 1. | SECTION 1: IDENTIFICATION OF | F THE | SUBSTANCE/MIXTURE | AND | OF | THE |
|------|--|------------------------|--|--------------|-----------|-----|
| | COMPANI/ONDERTAKING | | | | | |
| 1.1 | Product identifier | | | | | |
| | Product name | Chlorotri | fluoroethylene | | | |
| | Chemical name | Chlorotri | fluoroethylene | | | |
| | Trade name | Chlorotri | fluoroethylene | | | |
| | Alternative names | 1-chloro- trifluoro | ·1,2,2-trifluoroethene, trifluorochloro chloro-ethvlene | ethylene, | | |
| | Formula | C2CIF3 | , , | | | |
| | EC No. | 201-201 | -8 | | | |
| | REACH registration No | 01-2119 | 965182-37-0007 | | | |
| | CAS No. | 79-38-9 | | | | |
| | MITI Number | 2-113 | | | | |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | | | | | |
| | Identified use(s) | Intended various f | for production of various polymers luoroorganic compounds. | and copoly | mers, an | d |
| | Uses advised against | None wh | ien used as intended | | | |
| 1.3 | Details of the supplier of the Safety Data She | et | | | | |
| 1.3 | 1 Manufacturer | «HaloPo | lvmer Kirovo-Chenetsk» II C | | | |
| | | per. Poz | harny, 2. | | | |
| | | 613040. | Kirovo-Chepetsk, Kirov Region, Th | e Russian I | Federatio | on. |
| | Telephone | +7-8336 | 1-9-4281 | | | |
| | Fax | +7-8336 | 1-9-3594 | | | |
| | Website | www.hal | opolymer.com | | | |
| 1.3. | 2 Only representative of a non-Community | URALCH | IEM Assist GmbH | | | |
| | manufacturer | Johanns | senstrasse 10 | | | |
| | | 30159, H | lannover, Germany | | | |
| | Telephone | +49-511 | /45 99 444 | | | |
| | Fax | +49-511 | /45 99 446 | | | |
| | E-mail | info@ura | alchem-assist.de | | | |
| 1.4 | Emergency telephone number | | | | | |
| | Manufacturer/supplier: Emergency number | +7-8336 | 1-9-4250 [24 hours.] | | | |
| | Europe | 112 | | | | |
| | Great Britain | +44 (0) 2 | 203 394 9870 (24/7) | | | |
| | The USA | +1-877 2 | 271 7077 | | | |
| | | Consult | the relevant national official advisor | y body if ne | ecessary | |

2. SECTION 2: HAZARDS IDENTIFICATION

Classification and labeling have been performed according to Regulation (EC) No. 1272/2008 (CLP/GHP)

- 2.1 Classification of the substance or mixture
- 2.1.1 Regulation (EC) No. 1272/2008
- 2.2 Label elements

Labeling according to Regulation (EC) No.1272/2008 [CLP/GHS] Hazard Pictogram: Hazard class and category:

Flammable gases (Flam. Gas 1) Liquefied gas (Liq. Gas) Acute Toxicity - Inhalation (Acute Tox. 3) Specific target organ toxicity – repeated (STOT Rep. Exp. 1)



H220: Extremely flammable gas.

Signal word:

Hazard statements:

CHLOROTRIFLUOROETHYLENE Revision: 4 Date of Issue: 18.06.2020

H280: Contains gas under pressure; may explode if heated.

| | | H331: Toxic if inhaled |
|-----|---------------------------|--|
| | | H372: Causes damage to organs (kidneys) through prolonged or repeated exposure (Inhalation) |
| | Precautionary Statements: | P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking. |
| | | P260 Do not breathe dust/fume/ gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. |
| | | P270: Do no eat, drink or smoke when using this product. |
| | | P271: Use only outdoors or in a well-ventilated area. |
| | | P304+P340+P311: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor |
| | | P314: Get medical advice/attention if you feel unwell |
| | | P377: Leaking gas fire: Do not extinguish, unless leak can be stopped safely. |
| | | P381 Eliminate all ignition sources if safe to do so. |
| | | P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| | | P403 + P233: Store in a well-ventilated place. Keep container tightly closed. |
| | | P405: Store locked up. |
| | | P410 + P403: Protect from sunlight. Store in a well-ventilated place. |
| 2.3 | Other hazards | When heated, the product is decomposed with formation of toxic and corrosive vapours. |
| | | When handling the product, there were functional nervous system disorders, irritation of mucous membranes of upper airways. |
| 2.4 | Additional Information | See Section 11 |

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

| Product identifier type in accordance with Article 18(2) of Regulation (EC) No 1272/2008 | ldentifier number | Identification name | Weight % content (or range) | EC Number |
|---|-------------------|-------------------------|--------------------------------|-----------|
| CAS number | 79-38-9 | Chlorotrifluoroethylene | over 99.9 | 201-201-8 |

- 3.2 Mixtures
- 3.3 Additional Information

Not applicable.

None.

4. SECTION 4: FIRST AID MEASURES



Description of first aid measuresInhalationRemove to fresh air. If breathing is irregular or stopped, administer
artificial respiration. Use oxygen as required, provided a qualified
operator is present. Call a physician immediately.Skin ContactTake off contaminated clothing and shoes immediately.
Wash off immediately with plenty of water.
Keep warm and in a quiet place.
Call a physician or poison control centre immediately.
Wash contaminated clothing before re-use.Eye ContactRinse immediately with plenty of water, also under the eyelids, for at
least 15 minutes.
Call a physician or poison control centre immediately.
Take victim immediately to hospital.



Extremely flammable.

Revision: 4 Date of Issue: 18.06.2020

Ingestion

- 4.2 Most important symptoms and effects, both acute and delayed
- 4.3 Indication of immediate medical attention and special treatment needed

Unlikely route of exposure. As this product is a gas, refer to the inhalation section. Do not induce vomiting without medical advice. Call a physician immediately.

Symptoms may include dizziness, headache, feeling drunk, sleepiness, throat irritation, disturbance of breathing rhythm and coordination.

Because of the possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used with special caution and only in situations of emergency life support. Treatment of overexposure should be directed at the control of symptoms and the clinical conditions. Treat frost-bitten areas as needed.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

Unsuitable Extinguishing Media

5.2 Special hazards arising from the substance or mixture
5.3 Advice for fire-fighters

Use large volumes of water as fog. Large fires: sprayed water or fog. Small ignitions: dry chemical or CO_2 . All fire-extinguishing means except carbon-dioxide fire extinguishers, inert gases, and sprayed water.

If possible, stop flow of product. Move away from the container and cool with water from a protected position. Do not extinguish a leaking gas flame unless absolutely necessary. Spontaneous/explosive reignition may occur. Extinguish any other fire. Use self-contained

breathing apparatus and chemically protective clothing.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

| 6.1 | Personal precautions, protective equipment and emergency procedures | Advice for non-emergency personnel: Prevent further leakage or spillage if safe to do so. Keep away from Incompatible products (see Section 10). Advice for emergency responders: The product evaporates readily. Evacuate personnel to safe areas. Ventilate the area. Suppress (knock down) gases/vapours/mists with a water spray jet. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Cover the spreading liquid with foam in order to slow down the evaporation. Keep away from open flames, hot surfaces and sources of ignition. Refer to protective measures listed in sections 7 and 8. |
|------|--|--|
| 6.2 | Environmental precautions | Should not be released into the environment. Do not flush into surface water or sanitary sewer system. |
| 6.3 | Methods and material for containment and cleaning up | Suppress (knock down) gases/vapours/mists with a water spray jet. Soak up with inert absorbent material. Suitable material for picking up - Earth - Dry sand - Shovel into suitable container for disposal |
| 6.4 | Reference to other sections | See Sections 7, 8 and 13 |
| 6.5 | Additional Information | None |
| 7. S | ECTION 7: HANDLING AND STORAGE | |
| 7.1 | Precautions for safe handling | Use only in well-ventilated areas. Keep away from heat and sources of ignition. To avoid thermal decomposition, do not overheat. Avoid skin contact with leaking liquid (danger of frostbite). Purge piping circuits and equipment with nitrogen. |

No sparking tools should be used.

Revision: 4 Date of Issue: 18.06.2020

7.2 Conditions for safe storage, including any incompatibilities

Specific end use(s)

HaloPolymer

7.3

Use only explosion-proof equipment.

Take measures to prevent the buildup of electrostatic charge.

- Storage:
- Keep away from heat and sources of ignition.
- Keep in a well-ventilated place.
- Vapours are heavier than air and may spread along floors.
- Keep cool. Protect from sunlight.
- Keep away from combustible material.
- Keep away from Incompatible products.
- Keep only in the original container at a temperature not exceeding 50 $^\circ\text{C}.$
- Provide electrical equipment safe for hazardous locations.
- Ensure all equipment is electrically grounded before beginning transfer operations.
- Do not confine the product in a circuit, between closed valves, or in a container without a vent.

Packaging material

- Suitable material:
- Stainless steel
- Carbon steel
- Warning! Container under pressure.

Intended for production of various polymers and copolymers, and various fluoroorganic compounds.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| 8.1 8.1.1 | Control parameters Occupational Exposure Limits | SAEL (Solvay Acceptable Exposure Limit) 2005 TWA = 5 ppm SAEL (Solvay Acceptable Exposure Limit) 2005 Ceiling = 20 ppm |
|--------------|--|---|
| 8.1.2 | Biological limit value | No information available. |
| 8.1.3 | PNECs and DNELs | Workers: - Acute/short term exposure DNEL - 26.1 mg/m³ (Inhalation) - Long term exposure DNEL - 2.77 mg/m³ (Inhalation) |
| 8.2 | Exposure controls | General Population: - Long term exposure DNEL - 0.69 mg/m ³ |
| 8.2.1 | Appropriate engineering controls | Tightness of production process and process equipment. It is necessary to use exhaust ventilation. Use special systems to control chlorotrifluoroethylene content in the air. |
| 8.2.2 | Personal protection equipment Eye/face protection | Tightly fitting safety goggles Chemical resistant goggles must be worn. If splashes are likely to occur, wear Face-shield |
| | Skin protection | Handle in accordance with good industrial hygiene and safety practice Neoprene gloves |
| | Respiratory protection | Use respirator when performing operations involving potential exposure to vapour of the product. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used. Remove respiratory and skin/eye protection only after vapours have been cleared from the area. |

Use only respiratory protection that conforms to international/ national

HaloPolymer

8.2.3

CHLOROTRIFLUOROETHYLENE

| | standards. |
|---------------------------------|--|
| Skin and body protection | Appropriate protective clothing, shoes, headwear that prevent the contact of chlorotrifluoroethylene with skin. All protective clothes must be clean, available each day, and put on before working. |
| Hygiene measures | Ensure that eyewash stations and safety showers are close to the workstation location. |
| | Gloves, overalls and boots have to be double layered (protection against cold temperature). |
| | Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. |
| | When using, do not eat, drink or smoke. |
| | Wash hands before breaks and at the end of workday. |
| | Handle in accordance with good industrial hygiene and safety practice. |
| Environmental Exposure Controls | Control of product content in atmospheric air. Use closed systems, ventilation. To avoid the product release to atmosphere, the workroom air must be cleaned and directed for dispersion to atmosphere. Waste water of production process must be treated according to the manufacturing instructions. |
| | |

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| 9.1 | Information on basic physical and chemical properties | |
|--------|--|---------------------|
| | Physical state at 20°C and 101.3 kPa | Liquefied gas |
| | Colour | Colourless. |
| | Odour | Odourless. |
| | Melting Point (°C) / Freezing Point (°C) | -158 |
| | Boiling point | -27 |
| | Flash Point (°C) | -27.78 |
| | Flammability (solid, gas) | Extremely flammable |
| | Explosive limit ranges at 20°C and 101.3 kPa | 8.4 to 38.7% (v/v) |
| | Vapour Pressure (MPa) | 0.61 |
| | Surface tension | Not applicable |
| | Relative density (g/cm ³) @ 20°C | 1,289 |
| | Solubility (Water) (mg/L) @ 28°C | Slightly soluble |
| | Stability in organic solvents and identity of relevant degradation products | Not applicable |
| | Partition Coefficient (n-Octanol/water) | 1.65 |
| | Viscosity (mPa.s) | Not applicable |
| | Explosive properties | Not applicable |
| | Oxidizing properties | Not applicable |
| 9.2 | Other information | None |
| 10.SEC | TION 10: STABILITY AND REACTIVITY | |

| 10.1 10.2 10.3 | Reactivity Chemical stability Possibility of hazardous reactions | Vapours may form explosive mixtures with air Stable under recommended storage conditions. Keep away from oxidizing agents. Potential for exothermic hazard |
|----------------------|--|---|
| 10.4 | Conditions to avoid | Exposure to moisture. Heat, flames and sparks. To avoid thermal decomposition, do not overheat. |
| 10.5 | Incompatible materials | Flammable materials, Combustible material Oxidizing agents, Oxygen, Halogenated compounds, Water |
| 10.6 | Hazardous Decomposition Product(s) | Thermal degradation with formation of fluorine, hydrofluoride, carbon oxides, chlorine, phosgene is possible. |

11.SECTION 11: TOXICOLOGICAL INFORMATION

| 11.1 Information on toxicological e | effects |
|-------------------------------------|---------|
|-------------------------------------|---------|

11.1.1 Acute toxicity Inhalation / Skin Contact / Eye Contact

Inhalation: LC50(rat) (4 h): 1000 ppm LC50 (rat) (2 h): 5040 ppm

HaloPolymer

CHLOROTRIFLUOROETHYLENE

 $1 C50 (mouse) (4 h) \cdot 1800 nnm$

on the list of potential endocrine disruptors.

| 11.1.2 | Skin corrosion/irritation | When contacting the liquefied gas – skin frostbite |
|--------|---|---|
| 11.1.3 | Serious eye damage/irritation | When contacting the liquefied gas – eye frostbite |
| 11.1.4 | Respiratory or skin sensitization | Not available |
| 11.1.5 | Mutagenicity | Negative results of mutagenicity test indicate the absence of classification. |
| 11.1.6 | Carcinogenicity | There is no evidence that this product poses a carcinogenic risk under normal conditions of handling and use. |
| 11.1.7 | Reproductive toxicity | Female rats, exposure: 20 weeks (6 hours / day, 7 days / week): exposure at 30 ppm - no-observed-adverse-effect (NOAEC) for maternal toxicity; exposure at 90 ppm - no-observed-adverse-effect for developmental |
| | | toxicity; |
| 11.1.8 | Repeated dose toxicity: sub-acute / sub-chronic / chronic | exposure at 180 ppm - no-observed-adverse-effect for teratogenicity. Lesions of central nervous, respiratory and cardiovascular systems, liver, kidneys. Strong poison for kidneys (up to renal necrosis and death by uremia). |
| 11.2 | Other information | Chlorotrifluoroethylene was entered by the World Health Organization and the U.S. Environmental Protection Agency (EPA) |

12.SECTION 12: ECOLOGICAL INFORMATION

| 12.1 | Toxicity | No aquatic toxicity data exist for chlorotrifluoroethylene. Direct and indirect exposure of the aquatic compartment to chlorotrifluoroethylene is not expected. Since it is a gas of low solubility any water-borne chlorotrifluoroethylene will rapidly partition to air, and thus impact on aquatic life is expected to be minimal. |
|------|------------------------------------|---|
| 12.2 | Persistence and degradability | Half-life in air: 2.5 d Transforms in the environment. Data on transformation products are not available. |
| 12.3 | Bioaccumulative potential | In the aquatic environment, no hydrolysis of chlorotrifluoroethylene will occur. Chlorotrifluoroethylene is not prone to rapid biodegradation and bioaccumulation |
| 12.4 | Mobility in soil | Chlorotrifluoroethylene's Henry's Law (0.31 atm-cu m/mole (SRC)) constant indicates that volatilization from moist soil surfaces may occur (SRC). Chlorotrifluoroethylene is expected to volatilize from dry soil surfaces (SRC) based upon a vapor pressure of 4.59X10+3 mm Hg |
| 12.5 | Results of PBT and VPVB assessment | The substance is neither considered as PBT nor as vPvB, since the P (persistent), resp. vP (very persistent), and B (bioaccumulative), resp. vB (very bioaccumulative) criteria are not fulfilled. |
| 12.6 | Other adverse effects | No information available. |

13.SECTION 13: DISPOSAL CONSIDERATIONS

| 13.1 | Waste treatment methods | Pressurized gas bottle: dispose of only in empty condition! Dispose of contents in accordance with local, state or national |
|--------|-------------------------|--|
| 13.2 | Additional Information | |
| 13.2 | | |
| 13.2.1 | Contaminated packaging: | Purge the container with nitrogen and direct the gas to a treatment plant. |
| | | Where possible recycling is preferred to disposal or incineration. |
| | | Dispose as unused product according to the local and national standards. |

14.SECTION 14: TRANSPORT INFORMATION

14.1 Land transport (ADR/RID): UN-No.: Proper shipping name Transport hazard class(es) Labels

1082 TRIFLUOROCHLOROETHYLENE, STABILIZED 2

2.1: flammable gas; 2.3: toxic gas



Revision: 4 Date of Issue: 18.06.2020

| 14.2 | Inland waterway transport (ADN(R)): | |
|------|-------------------------------------|---|
| | UN-No.: | 1082 |
| | Proper shipping name | TRIFLUOROCHLOROETHYLENE, STABILIZED |
| | Transport hazard class(es) | 2 |
| | Labels | 2.1: flammable gas; 2.3: toxic gas |
| 14.2 | Marine transport (IMDG) | |
| | UN-No.: | 1082 |
| | Proper Shipping Name: | TRIFLUOROCHLOROETHYLENE, STABILIZED |
| | Class: | 2.3 |
| | Hazard Label(s): | 2.1: flammable gas; 2.3: toxic gas |
| | EmS number | F-D,S-U |
| 14.3 | Air transport (IATA): | Passenger Aircraft: Not permitted for transport |
| | | Cargo Aircraft: Not permitted for transport |
| 14.4 | Additional information: | None. |

15.SECTION 15: REGULATORY INFORMATION

| 15.1 | Safety, health and environmental regulations/legislation specific for the substance or mixture |
|--------|--|
| 15.1.1 | EU regulations |
| | Authorizations and/or restrictions on use |
| 15.1.2 | National regulations |

None known. Hazard classification - In accordance with: State Standard of Russian Federation (GOST 12.1.007). Label elements - In accordance with: State Standard of Russian Federation (GOST 31340-07).

15.2 Chemical Safety Assessment

16.SECTION 16: OTHER INFORMATION

- 16.1 Classification of the substance
- 16.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Label elements Hazard Pictogram: Available.

Danger

Hazard class and category:

H220: Extremely flammable gas.

H331: Toxic if inhaled

Flammable gases (Flam. Gas 1) Gases Under Pressure (Liq. Gas) Acute Toxicity - Inhalation (Acute Tox. 3)



Signal word:

Hazard statements:

Precautionary Statements

P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

H280: Contains gas under pressure; may explode if heated.

P261: Avoid breathing dust/fume/gas/mist/vapours/ spray. P271: Use only outdoors or in a well-ventilated area. P304+P340+P311: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor/... P377: Leaking gas fire: Do not extinguish, unless leak can be

stopped safely. P381 Eliminate all ignition sources if safe to do so.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

HaloPolymer

CHLOROTRIFLUOROETHYLENE

Revision: 4 Date of Issue: 18.06.2020

P405: Store locked up. P410 + P403: Protect from sunlight. Store in a well-ventilated place.

| 16.2 LEGEND |
|-------------|
|-------------|

| STOT | Specific Target Organ Toxicity |
|------|--|
| DNEL | Derived No Effect Level |
| PNEC | Predicted No Effect Concentration |
| PBT | PBT: Persistent, Bioaccumulative and Toxic |

Additional Information

Occupational sanitary-hygienic standards of Russian Federation: $PDK = 5 \text{ mg/m}_3, 4_{th} \text{ dangerous class (low - hazardous substance).}$ (PDK – Highest non-recurrent concentration in the air of working area).

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. HaloPolymer Kirovo-Chepetsk LLC gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. HaloPolymer Kirovo-Chepetsk LLC accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

You should not use the product with the purposes other than those specified, without consultation with us.

It is the Customer's responsibility to make an assessment of this product and use it observing safety precautions and requirements of relevant laws and legal norms.

The Buyer of the product intended for a third party's usage is obliged to take all reasonable steps to afford access to all information contained in this SDS for any person making use of this product.

An Employer must inform employees and other persons of the dangers they can be incurred and precautionary measures they should apply.



Annex to the extended Safety Data Sheet (eSDS)

| Production of polymers | |
|-------------------------|--|
| Process category | PROC 1: Use in closed process, no likelihood of exposure |
| | containers at dedicated facilities |
| | PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including |
| | weighing) |
| Environmental release | ERC 6c: Industrial use of monomers for manufacture of thermoplastics |
| Sector of end use | SU 0: Other: SU3: Industrial uses |
| | |
| Subsequent service life | yes |
| relevant for that use? | Use as reactant in polymerization process or use as intermediate |
| Process category | PROC 1: Use in closed process, no likelihood of exposure |
| | PROC 3: Use in closed batch process (synthesis or formulation) |
| | PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large |
| | PROC 15: Use as laboratory reagent |
| | |
| Environmental release | ERC 6a: Industrial use resulting in manufacture of another substance (use of intermediates) |
| Sector of end use | SIL0: Other: SI 3: Industrial uses |
| | |
| Subsequent service life | yes |
| relevant for that use? | Production of polymers |
| Process category | PROC 3: Use in closed batch process (synthesis or formulation) |
| | PROC 1: Use in closed process, no likelihood of exposure |
| | PROC 9: I ransfer of substance or preparation into small containers (dedicated filling line, including |
| | PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large |
| | containers at dedicated facilities |
| | PROC 15: Use as laboratory reagent |
| Chemical product | PC 19: Intermediate |
| category | PC 13. Internetiate |
| | |
| Environmental release | ERC 6c: Industrial use of monomers for manufacture of thermoplastics |
| Substance supplied to | As such |
| that use in form of | |
| Sector of end use | SU 12: Manufacture of plastics products, including compounding and conversion |
| Subsequent service life | no |
| relevant for that use? | Production of polymers |
| Process category | PROC 1: Lise in closed process, no likelihood of exposure |
| Frocess category | PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large |
| | containers at dedicated facilities |
| | PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including |
| | weighing) |
| Environmental release | ERC 6c: Industrial use of monomers for manufacture of thermoplastics |
| category | |
| Sector of end use | SU 0: Other: SU 3: industrial use |
| | |