

**Parts and Assembly Cleaner, Spray**

7619-0269

SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier**

Parts and Assembly Cleaner, Spray

Further trade names

112015

Chemical characterization (Mixture)**Details of the supplier of the safety data sheet**

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SECTION 2: Hazards identification**Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

Signs and Symptoms of Exposure

DANGER!

Extremely flammable.

Contents under pressure.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

SECTION 3: Composition/information on ingredients**Mixtures****Hazardous components**

| CAS No. | Components | Quantity |
|------------|---|-----------|
| 64742-49-0 | Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha | 50 - 99 % |
| 124-38-9 | Carbon dioxide | <=2.5 % |

SECTION 4: First aid measures**Description of first aid measures****General information**

Remove contaminated soaked clothing immediately.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

After contact with skin

Wash off with soap and plenty of water.

Consult a doctor if skin irritation persists.

After contact with eyes

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

If eye irritation persists, consult a specialist.



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After ingestion

Do not induce vomiting.
Summon a doctor immediately.

Indication of any immediate medical attention and special treatment needed

The following symptoms may occur:

Anaesthetic state
Delirious state
Vomiting
Headache
Confusion

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Foam
Dry powder
Carbon dioxide

Unsuitable extinguishing media

Full water jet

Special hazards arising from the substance or mixture

Fire may produce:
Carbon monoxide and carbon dioxide.

Advice for firefighters

Use breathing apparatus with independent air supply.

Additional information

Heating will cause pressure rise with risk of bursting.
Vapour/air-mixtures are explosive at intense warming.
Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep away sources of ignition.
In case of vapour formation use respirator.
Use only explosion-proof equipment.
Ensure adequate ventilation.
Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Take up with absorbent material.
Shovel into suitable container for disposal.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation.
Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.
Do not spray on a naked flame or any other incandescent material.
Heating will cause pressure rise with risk of bursting.

Further information on handling

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep containers tightly closed in a cool, well-ventilated place.
Storage temperature may not exceed 50°C (=122°F).

Advice on storage compatibility

Incompatible with oxidizing agents.

Further information on storage conditions

Protect from heat and direct solar radiation.

SECTION 8: Exposure controls/personal protection**Control parameters****Exposure limits**

| CAS No. | Components | ppm | mg/m ³ | fib/cc | Category | Origin |
|----------|----------------|--------|-------------------|--------|---------------|--------|
| 124-38-9 | Carbon dioxide | 5000 | 9000 | | TWA (8 h) | PEL |
| | | 5000 | 9000 | | TWA (8 h) | REL |
| | | 5000 | 9000 | | TWA (8 h) | TLV |
| | | 30,000 | 54,000 | | STEL (15 min) | REL |
| | | 30000 | 54000 | | STEL (15 min) | TLV |
| | | - | - | | Peak | TLV |

Exposure controls**Protective and hygiene measures**

Ensure adequate ventilation, especially in confined areas.
Wash hands before breaks and immediately after handling the product.
At work do not eat, drink, smoke or take drugs.
Take off immediately all contaminated clothing.
Avoid contact with eyes, skin or mucous membrane.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type AX).

Hand protection

Protective gloves resistant to chemicals made off nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril 735> made by www.kcl.de.
This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Safety goggles with side protection

Skin protection

Protective clothing

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Form: Aerosol
Color: Colourless, clear
Odor: Solvent-like

Test method**Changes in the physical state**

Flash point: n.d.

Explosive properties

"The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated."

Lower explosion limits:

Upper explosion limits:



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| | |
|---------------------------------|-------------------------|
| Ignition temperature: | >200 °C |
| Density (at 20 °C): | 0,789 g/cm³ |
| Water solubility: (at 20 °C) | low solubility 0,04 g/L |
| Solvent content: | 97,7% |

SECTION 10: Stability and reactivity

| | |
|-------------------------------------|----------------|
| Stability: | Stable |
| Possibility of Hazardous Reactions: | Will not occur |

Conditions to avoid

Fire or intense heat may cause violent rupture of packages.
Keep away from heat and sources of ignition.

Incompatible materials

Reactions with oxygen.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.
Aldehydes

Further information

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

LD50/oral/rat: >5000 mg/kg (Calculated)

Irritation and corrosivity

Skin irritation: Low irritant effect - not necessary to label

Sensitizing effects

Sensitization skin : Non-sensitizing

Empirical data on effects on humans

Harmful by inhalation.
Irritates respiratory tract.

SECTION 12: Ecological information

Further information

Do not discharge product unmonitored into the environment.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

Waste treatment methods

Advice on disposal

Where possible recycling is preferred to disposal.
Packaging that cannot be cleaned should be disposed of like the product.

Contaminated packaging

Offer empty spray cans to an established disposal company.

SECTION 14: Transport information

US DOT 49 CFR 172.101

Proper shipping name

AEROSOLS

ID Number: 1950

Hazard Class or Division: 2.1

Packing group: -

Label:



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Land transport (ADR/RID)

UN number: 1950
UN proper shipping name: AEROSOLS
Transport hazard class(es): 2
Packing group: -
 Hazard label: 2.1



Hazard-no.: -

Other applicable information

LQ 2: combination packaging: 1 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass).

Additional label with symbol "fish and tree" according to subsection 5.2.1.8.3. ADR for single packagings and inner packagings with > 5 kg or 5 L, transition period ends 31.12.2010.

Marine transport

UN number: 1950
UN proper shipping name: AEROSOLS
Transport hazard class(es): 2
Packing group: -
 Hazard label: 2.1



Marine pollutant: No
 EmS: F-D; S-U

Other applicable information

Limited quantities (chapter 3.4): combination packaging: 1 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass)

Air transport

UN/ID number: 1950
UN proper shipping name: AEROSOLS FLAMMABLE
Transport hazard class(es): 2.1
Packing group: -
 Hazard label: 2.1



IATA-packing instructions - Passenger: 203
 IATA-max. quantity - Passenger: 75 kg
 IATA-packing instructions - Cargo: 203
 IATA-max. quantity - Cargo: 150 kg

SECTION 15: Regulatory information

U.S. Regulations

National Inventory TSCA

All of the components are listed on the TSCA inventory.

SARA

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

State Regulations

This product contains max VOC: 99%



SECTION 16: Other information

Hazardous Materials Information Label (HMIS)

Health: 1
Flammability: 4
Physical Hazard: 0

NFPA Hazard Ratings

Health: 1
Flammability: 4
Reactivity: 0
Unique Hazard:



Other data

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)