

EG-Safty Data Sheet

In pursuance of 2001/58/EG

Date of Print and actualize: 03.12.2009
Cold engine cleaner spray 500 ml

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identification:

Cold engine cleaner spray

1.2 Method of Application

Cleaning agent for engines

1.3 Company Identification

Manufacturing firm: Pingo Erzeugnisse GmbH

Dieselstr. 10
 85748 Garching
 Tel.: 0 89- 32 04 004
 Fax.: 0 89- 32 066 42

Emergency No.: Tel.: 0 89- 32 04 004

Emergency No. (Germany): 0361-73073-0 Mecklenburg-Vorpommern Sachsen Sachsen-Anhalt u. Thüringen

19420 Restliche Bundesländer (ohne Vorwahl)
 112 Bundesweit (ohne Vorwahl)
(Show Safty Data Sheet)

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

2.1. Chemical Identification:

A mixtur from oil and Solvent

Hazardous Ingredients	Symbol	Risk-phrases	EINECS	CAS	Parts in %
Propane	F+	12	200-827-9	74-98-6	15-20
n-Butane	F+	12	203-448-7	106-97-8	10-15
Solvent naphtha	Xn	65	265-191-7	64742-47-8	25-50

SECTION 3 - HAZARDS IDENTIFICATION

R-phrases: R12 Extremely flammable.
 R66 Repeated exposure may cause skin dryness or cracking.

S-phrases: S2 Keep out of the reach of children
 S23 Do not breathe vapour
 S24 Avoid contact with skin.
 S60 This material and its container must be disposed of as hazardous waste.



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SECTION 4 - FIRST AID MEASURES

Relevant for Classification: Propane

Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid immediately.

Skin:

Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

Ingestion:

Get medical aid. Wash mouth out with water.

Inhalation:

Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician:

Treat symptomatically and supportively.

SECTION 5 - FIRE FIGHTING MEASURES

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors can travel to a source of ignition and flash back. Extremely flammable liquid. Containers may explode in the heat of a fire.

Extinguishing Media:

Water may be ineffective. In case of fire use water spray, dry chemical, carbon dioxide, or chemical foam. Autoignition Temperature: Not available. Flash Point: Not available. NFPA Rating: Not published. Explosion Limits, Lower: Not available. Upper: Not available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spill with inert material, (e.g., dry sand or earth), then place into a chemical waste container. Remove all sources of ignition. Use a spark-proof tool.

SECTION 7 - HANDLING and STORAGE

Handling:

Use spark-proof tools and explosion proof equipment. Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:

Keep away from sources of ignition. Store in a cool, dry place. Store in a tightly closed container. Flammables-area.

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SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits

CAS-NR.	Identification	Exposure Limits (MAK or TRGS 900- Germany)
74-98-6	Propane	1800 mg/m ³ 1000 ml/m ³
106-97-8	n-Butane	2400 mg/m ³ 1000 ml/m ³
64742-47-8	Solvent naphtha	n.a.

Engineering Controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Personal Protective Equipment

Eyes:

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:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	aerosol
Appearance	clear
Odor	characteristic
pH	Not available
Vapor Pressure	3,8 bar (20 °C)
Viscosity	Not available
Boiling Point	Not available
Freezing/Melting Point	Not available
Decomposition Temperature	Not available
Solubility	Not in Water
Specific Gravity/Density	Not available
Molecular Formula	Not available
Molecular Weight	Not available

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SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:
Not available.

Conditions to Avoid:
Incompatible materials, ignition sources. Incompatibilities with Other Materials:
Oxidizing agents.

Hazardous Decomposition Products:
Carbon monoxide, carbon dioxide. Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxic and narcotic by inhalation.

SECTION 12 - ECOLOGICAL INFORMATION

For further information, contact Inno Chem

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORT INFORMATION

- **Land transport(ADR/RID/GGVS/GVE)**
UN 1950 AEROSOLS ,2.1
ADR Class 5F Gases
Carrying a "limited quantity" corresponding ADR Chapter 3.4, LQ2
- **Maritime transport (GGVSee/IMGD)**
UN1950 AEROSOLS, flammable, 2.1
EMS Number: F-D, S-U
- **Air transport (ICAO/ATA)**
UN1950 AEROSOLS, flammable, 2.1

SECTION 15 - REGULATORY INFORMATION

European/International Regulations
European Labeling in Accordance with EC Directives

Hazard Symbols: F+

Risk Phrases:
R 12 Extremely flammable.

Safety Phrases:
S 16 Keep away from sources of ignition – No smoking.
S 7/9 Keep container tightly closed and in a well-ventilated place.

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SECTION 16 - ADDITIONAL INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.