

# Safety Data Sheet

according to WHS Regulations

Print date: 11.10.2024

Revision date: 08.10.2024

## 1 Identification

**Product Name:** ROM eSTEAM Smoke generating fluid**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Sewer repair**Details of Manufacturer or Importer:**Pipe Core Pty Ltd  
Unit 5, 600 Lorimer Street  
Port Melbourne VIC 3207**Phone Number:** 1800 747 326**Emergency telephone number:** National Poisons Information Centre: 13 11 26

## 2 Hazard(s) Identification

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition), IATA and IMDG/IMSBC.

The product is not classified, according to the Globally Harmonised System (GHS).

**Signal Word** None**Hazard Statements** None

## 3 Composition and Information on Ingredients

**Chemical Characterization:** Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 111-46-6	Diethylene glycol	 Acute Toxicity (Oral) 4, H302	<25%
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## 4 First Aid Measures

**Inhalation:** If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.**Skin Contact:**

In case of skin contact, remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if irritation occurs.

**Eye Contact:**

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.

**Ingestion:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention if feeling unwell.

**Symptoms Caused by Exposure:**

Inhalation: May cause respiratory irritation.

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

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## 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

CO2 or powder. Fight larger fire with alcohol resistant foam or water spray. Do not use a full jet.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon.

Product is not flammable.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Minimise run-off from fire fighting entering drains or water courses.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear protective equipment. Keep unprotected persons away. Take care as spill may cause a slip hazard.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so. Wipe up with clean cloth or paper towels. Absorb large spills with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

## 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye contact.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area below 40 °C. Keep container tightly closed when not in use. Protect from direct sunlight. Keep away from oxidising agents and strong alkalis.

## 8 Exposure Controls and Personal Protection

**Exposure Standards:**

**CAS: 111-46-6 Diethylene glycol**

WES TWA: 100 mg/m<sup>3</sup>, 23 ppm

**Engineering Controls:**

Ensure adequate ventilation of the working area, keeping airborne concentrations below occupational exposure standards.

**Respiratory Protection:**

Use an approved combination vapour and particulate respirator (filter type A/P) under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Natural rubber, polychloroprene, nitrile rubber, butyl rubber, fluoro carbon rubber, or PVC gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

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Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

## 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Neutral
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	6-8
<b>Melting point/freezing point:</b>	-8-43 °C
<b>Initial Boiling Point/Boiling Range:</b>	>100 °C
<b>Flash Point:</b>	>140 °C
<b>Flammability (solid, gas):</b>	Not applicable
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure at 92 °C:</b>	1.3 hPa
<b>Density at 20 °C:</b>	1.02 g/cm <sup>3</sup>
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Miscible
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Viscosity:</b>	Low viscosity

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** No dangerous reactions known under conditions of normal use.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.

**Conditions to Avoid:** Temperatures above 40 °C. Direct sunlight.

**Incompatible Materials:** Oxidising agents and strong alkalis.

**Hazardous Decomposition Products:** Oxides of carbon.

## 11 Toxicological Information

**Toxicity:****LD50/LC50 Values:****CAS: 111-46-6 Diethylene glycol**

Oral	LD50	12,565 mg/kg (Rattus norvegicus (rat))
	LD50	11,890 mg/kg (Oryctolagus cuniculus (rabbit))

**Acute Health Effects**

**Inhalation:** May cause respiratory irritation.

**Skin:** May cause skin irritation.

**Eye:** May cause eye irritation.

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**Ingestion:** May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Based on classification principles, the classification criteria are not met.

This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No data associated with long term health effects.**Existing Conditions Aggravated by Exposure:** No data available.

## 12 Ecological Information

**Ecotoxicity:****Aquatic toxicity:**

No adverse ecological effects are expected. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**CAS: 111-46-6 Diethylene glycol**

LC50/96 h 75,200 mg/l (Pimephales promelas (fathead minnow))

**Persistence and Degradability:** No data available on finished product.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**Other adverse effects:** No further relevant information available.

## 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

**UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

## 15 Regulatory Information

**Australian Inventory of Industrial Chemicals:** All ingredients are listed.

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**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:**  
Poisons Schedule: 6

## 16 Other Information

**Date of Preparation or Last Revision:** 08.10.2024**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020".

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