CancerTools.org
Global Research Tools Collaborative

Plasmax™ Material Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

Product identifiers			Relevant identified uses of the substance or mixture and uses advised against	
Plasmax™	Plasmax™ medium customer formulation		Identified uses	Laboratory chemicals, Manufacture of substances
Product Number	156371			
Brand	CancerTools.org			
Details of the supplier of the safety data sheet				
Company	CancerTools.org, Cancer Research UK 2 Redman Place, London, E20 1JQ		E-mail	technical_support@ cancertools.org

2. Hazards identification

Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Label Elements

Not a hazardous substance or mixture.

Other Hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. Composition/information on ingredients

The product contains no substances which at the given concentration, are considered to be hazardous to health.

No components need to be disclosed according to the applicable regulations.

4. First aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

Skin contact

Wash off with soap and plenty of water. Call a physician.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes. If symptoms persist, call a physician.

Ingestion

Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Inhalation

If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

Notes to physician

Treat symptomatically.

5. Firefighting measures

Extinguishing media

Suitable extinguishing media

Use water spray, carbon dioxide, dry chemical, or alcohol resistant foam.

Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NOx).

Special protective equipment for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available.

6. Accidental release methods

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Environmental precautions

Do not let product enter drain.

Methods for cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. Handling and storage

Handling

Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Avoid contact with eyes, skin and clothing.

Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls/personal protection

Control parameters

Components with workplace control parameters

Exposure controls

Appropriate engineering controls

Handle in accordance with the good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Where risk assessment shows air-purifying respirators are appropriate use (US) or type ABEK (EM 14387) respirator cartridges as a backup to engineer protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and chemical properties

Appearance	Form: liquid
pH	No data available
BP/BP range	No data available
MP/MP range	No data available
Flash point	No data available
Flammability	No data available
Autoignition temp	No data available
Oxidizing properties	No data available
Explosive properties	No data available
Explosion limits	No data available
Vapor pressure	No data available
Partition coefficient n-Octanol/	No data available
Viscosity	No data available
Vapor density	No data available
Saturated vapor conc.	No data available
Evaporation rate	No data available
Relative density	No data available
Decomposition temp.	No data available
Solvent content	No data available
Water content	No data available
Surface tension	No data available
Conductivity	No data available
Solubility	No data available

10. Stability and reactivity

Reactivity	No data available
Chemical stability	Stable under recommended storage
Material to avoid	Strong oxidising agents
Hazardous decomposition	No data available
Hazardous polymerisation	No data available

11. Toxicological information

Acute toxicity	No data available
Skin corrosion	No data available
Serious eye damage	No data available
Respiratory or skin	No data available
Target organ effects:	No information available
Carcinogenicity	-
IARC:	No compound of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Additional information	-
RTECS:	Not available
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.	

12. Ecological information

Toxicity	No data available
Persistence and	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/ mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at
Other adverse effects	No data available

13. Disposal considerations

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

16. Other information

Further information

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. CancerTools.org shall not be held liable for any damage resulting from handling or from contact with the above product. See www.cancertools.org for additional terms and conditions of sale.

14. Transport information

	ADR/RID:	IMDG	IATA
UN number	-	-	-
UN proper shipping name	Not dangerous goods	Not dangerous goods	Not dangerous goods
Transport hazard class(es)	-	-	-
Packaging group	-	-	-
Environmental hazards	No	Marine pollutant: no data available	No

15. Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment

No data available.