

# Safety Data Sheet (conforms to EC Directive 91/155/EEC)



Date: 13/05/2003 Revision No 2. Page 1 of 3

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name: **PRECISIONMASK TONER DENSITY ENHANCER**  
Product Description: Fluid for the enhancement of toner images generated by laser printers.  
Supplier: PrecisionMasks Limited, Oatfield House, Campbeltown, Argyll PA28 6PH, Scotland  
Telephone: UK: 01586 551818 International: +44 1586 551818

## 2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

A blend of petroleum distillates containing a small amount of surfactant.

Name	Quantity % w/w	CAS No.	EEC Symbol	R Phrases	MEL/OES
Naptha (Petroleum) Hydrotreated Heavy, 1	<85	64747-48-9	Xn, Xi	R38, R65	OES
Naptha (Petroleum) Hydrotreated Heavy, 2	<15	64742-48-9	Xn	R65	OES

R Phrases  
R38 - irritating to skin  
R65 - Harmful - may cause lung damage if swallowed.

(See Section 8 for Exposure Limits).

## 3. HAZARD IDENTIFICATION

Human Health Hazards: Harmful - may cause lung damage if swallowed (R65).  
Safety Hazards: The preparation is flammable (R10).  
Environmental Hazards: Not classified as dangerous under EC criteria.

## 4. FIRST AID MEASURES

Skin Contact: Remove contaminated clothing. Wash skin with soap or water. If irritation develops, seek medical attention.  
Eye Contact: Irrigate eye with clean water for 15 minutes. Seek medical advice if discomfort develops.  
Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Obtain immediate medical attention and show the container or label.  
Inhalation: Remove patient to a well ventilated area. If symptoms persist, seek medical attention.

## 5. FIRE FIGHTING MEASURES

Specific Hazard: Flammable.  
Extinguishing Media: Suitable : Foam, dry powder, CO2.  
Not suitable: Water.  
Protective Equipment: Full protective clothing and self-contained breathing apparatus.  
Other Information: Keep adjacent containers cool by spraying with water.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Do not breath vapour. Avoid contact with eyes and skin. Evacuate the area of all non-essential personnel. Shut off leaks, if possible, without personal risk.  
Personal protection: Refer to section 8.  
Clean up method: Contain spillage with absorbent materials. Shovel into waste drums or bags for safe disposal. Wash spillage area with water/detergent.  
Environmental precautions: Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

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## 7. HANDLING AND STORAGE

Handling:	Avoid prolonged/repeated exposure. Always wear protective equipment (as stated in Section 8).
Storage:	No special storage requirements. However, the containers should be kept cool and dry. Ambient storage temperature is recommended whenever possible.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	Calculated OEL (using the "Reciprocal Calculation Procedure" (RCP)) = 800mg/m <sup>3</sup>
Eye protection:	Glasses.
Hand protection:	Nitrile rubber gloves.
Engineering controls:	Use only in a ventilated area.
Respiratory protection:	If there is an inhalation risk, an activated carbon face mask should be worn.
Body protection:	Standard issue work clothes (safety shoes/overalls).

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.	Specific gravity:	0.81g/ml.
Odour:	Solvent.	Flash Point:	42°C.
Colour:	Colourless.	Flammable Limits:	%vol/vol (lower) 0.6 %vol/vol (upper) 7.0
pH:	Not determined.		
Solubility in Water:	Immiscible.	Auto ignition temperature:	>200°C
Boiling Point:	ca 150°C.	Vapour pressure (20°C):	0.2kPa

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## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions, but protect from excessive heat or direct sunlight.
Conditions to Avoid:	Strong oxidising agents.
Hazardous reactions:	Not known.
Hazardous decomposition products:	Not known.

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## 11. TOXICOLOGICAL INFORMATION

There is no specific data on the preparation but the product is formulated to avoid toxic, carcinogenic or mutagenic materials.  
Note: The benzene content is at <0.005%.

Eye contact:	Direct contact with the eyes may cause irritation.
Skin contact:	Prolonged exposure will degrease the skin and may cause irritation, leading to dermatitis.
Ingestion:	Aspiration into the lungs during ingestion or subsequent vomiting may cause severe lung damage.
Inhalation:	Excessive inhalation may cause nausea and light headedness.

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## 12. ECOLOGICAL INFORMATION

There is no specific data on this preparation. The following information is based on the knowledge of the constituents' ecotoxicology

Mobility:	Not miscible in water.	Persistence/degradability:	No data available.
Bioaccumulation:	No data available.	Volatile organic content:	98%

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## 13. DISPOSAL CONSIDERATIONS

Do not put into public waste water or sewerage system.

Disposal:	Recover or recycle waste/product if possible, otherwise incinerate.
Local Legislation:	Control of Pollution Act 1974. Environmental Protection Act 1990. Special waste Regulations 1996.

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**14. TRANSPORTATION INFORMATION**

UN / SI No: 1268  
Conveyance label: Flammable Liquid  
Road - ADR/RID Class: 3, Item: 31(c)  
Sea - IMDG: Class 3.3  
- Packing group: III

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**15. REGULATORY INFORMATION**

Classification and labelling according to EEC directives

EC Supply Labelling: FLAMMABLE.

EC Risk Phrases: R10 Flammable.  
R65 Harmful - may cause lung damage if swallowed.

EC Safety Phrases: S43 In case of fire, use CO<sub>2</sub>, foam, dry powder.  
S62 If swallowed, do not induce vomiting. Seek medical advice immediately and show  
the container or label.

EC Classification: Flammable/Harmful

EC Symbols:



EC Symbol - letter Xn

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**16. OTHER INFORMATION**

The Risk Phrase R65 (Harmful - may cause lung damage if swallowed) is being used in place of R22 (Harmful if swallowed) which is listed in CHIP 96. This is based on the HSE Press Release, dated 5th June 1996.

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The information in this Material Safety Data Sheet is based on the present state of our knowledge at the time of printing and is believed to be accurate. The information relates to the specific product designated and may not be valid if it is used in combination with other materials or processes.

Nothing herein is to be construed as warranty, expressed or implied. It is always the responsibility of the user to take the necessary steps in order to fulfil the demands laid down in the rules and legislation.

Owing to constant development, customers are urged to obtain up-to-date technical information from representatives of the Company and not to rely exclusively upon printed material. Customers are reminded of the importance of obtaining and complying with instructions for the handling and use of chemicals and materials supplied as the Company cannot accept responsibility for any loss or injury caused through non compliance.