



SAFETY DATA SHEET

CtP Plate Cleaner

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME CtP Plate Cleaner
PRODUCT NO. 8239
APPLICATION A Lithographic plate cleaner
SUPPLIER Varn Products Company Limited
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 Estate,
 Irlam, Greater Manchester,
 M44 5BL
 Tel. (0)161 775 5412
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (2)	265-150-3	64742-48-9	50-70%	Xn;R65. R10,R66.
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	1-5%	C;R34
SECONDARY ALCOHOL ETHOXYLATE (EINECS - OECD Polymer)		24938-91-8	1-5%	Xn;R22. Xi;R36/38.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

An emulsion (aqueous/petroleum distillate)

3 HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking.

CLASSIFICATION R10,R66.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention immediately!

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

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5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Carbon dioxide (CO₂). Foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Do not let washing down water contaminate ponds or waterways. Wear necessary protective equipment.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Maintain good standards of hygiene and work practices. Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container. Protect against physical damage and/or friction. May attack some plastics, rubber and coatings.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m ³	ST - ppm	ST - mg/m ³
PHOSPHORIC ACID ...%	OES		1 mg/m ³		2 mg/m ³
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (2)	OES	170 ppm	1000 mg/m ³		

INGREDIENT COMMENTS

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level.

HAND PROTECTION

Nitrile.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

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HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	White		
ODOUR	Solvent.		
SOLUBILITY	Forms an emulsion with water.		
BOILING POINT (°C)	> 100 760 mm Hg	RELATIVE DENSITY	0.90 g/ml @ 20 DegC
VAPOUR PRESSURE	0.11 (Excluding water content) kPa @ 20 DegC	pH-VALUE, CONC. SOLUTION	1.5 - 2.0
FLASH POINT (°C)	36 CC (Closed cup).		

10 STABILITY AND REACTIVITY

STABILITY

Avoid: Heat, sparks, flames. Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with strong oxidisers. Avoid heat, flames and other sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS

Not known.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

INHALATION. May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches. SKIN CONTACT. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. EYE CONTACT. Direct contact with the eye may cause irritation. INGESTION. May cause discomfort.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Volatile Organic Content (%) is equal to 50 - 55

MOBILITY

Solubility in water: Forms an emulsion with water

BIOACCUMULATION

No data available.

DEGRADABILITY

No data available.

ACUTE FISH TOXICITY

No data available.

WATER HAZARD CLASSIFICATION

Germany : WGK 1

13 DISPOSAL CONSIDERATIONS

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DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

WASTE CLASS

Regulation 2000/532/EC - Chapter Heading: Waste from MFSU of fine chemicals and chemical products not otherwise specified - 070704. Description: Other organic solvents, washing liquids and mother liquors.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	Petroleum Distillates N.O.S.		
PROPER SHIPPING NAME	Refined Hydrocarbons		
UN NO. ROAD	1268	UK ROAD PACK GR.	III
ADR CLASS	Class 3: Flammable liquids.	ADR LABEL NO.	3
RID CLASS NO.	3	UN NO. SEA	1268
IMDG CLASS	3	IMDG PACK GR.	III
EMS	F-E , S-E		

15 REGULATORY INFORMATION

RISK PHRASES

R10	Flammable.
R66	Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASES

S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.

EU DIRECTIVES

Dangerous Substances Directive (67/548/EEC). Dangerous Preparations Directive (1999/45/EC). Safety Data Sheets Directive (91/155/EEC) (As amended).

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16 OTHER INFORMATION

GENERAL INFORMATION

The Flow Time of the product is >30 seconds in a 3mm ISO Cup according to ISO 2431. The product is exempt to R65 Labelling.

ISSUED BY

Varn Products Laboratory

SDS NO. 1

CtP Plate Cleaner

DATE

07/09/04

RISK PHRASES IN FULL

R10	Flammable.
R22	Harmful if swallowed.
R34	Causes burns.
R36/38	Irritating to eyes and skin.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

DISCLAIMER

The information in this material Safety Data Sheet is based on the present state of our knowledge and on the current EC and National Regulations. The information relates to the specific product designated and may not be valid if it is used in combination with other materials or process. 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. The product is for Industrial use only.