



Chemical Products Division



SAFETY DATA SHEET

True Blue/Quick Blue

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

PRODUCT NAME: True Blue/Quick Blue

PART No.: 8235

APPLICATIONS: A Lithographic plate cleaner

SUPPLIER: Varn Products Company Limited
Varn House, Northbank Industrial Estate,
Irlam, Greater Manchester,
M44 5BL
Tel: (0)161 775 5412
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (2)			10-30 %
64742-48-9	265-150-3	Xn R-10, 65, 66	
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC			5-10 %
64742-95-6	265-199-0	Xn ,N R-10, 37, 51/53, 65, 66, 67	
PROPYLBENZENE			0-1 %
98-82-8	202-704-5	Xn ,N R-10, 37, 51/53, 65	
MESITYLENE			1-5 %
108-67-8	203-604-4	Xi ,N R-10, 37, 51/53	
NONYL PHENOXY (POLYETHYLENEOXY) ETHANOL (EINECS Polymer)			0-1 %
9016-45-9		Xi ,N R-36/38, 51/53	
1,2,4-TRIMETHYLBENZENE			1-5 %
95-63-6	202-436-9	Xn ,N R-10, 20, 36/37/38, 51/53	
GLYCOLIC ACID			1-5 %
79-14-1	201-180-5	C R-34	

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

COMPOSITION COMMENTS: An emulsion (aqueous/petroleum distillate)

3. HAZARDS IDENTIFICATION:

Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

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:	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.
EYES:	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.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:	Fire can be extinguished using: Carbon dioxide (CO ₂). 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 CLEANUP 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.
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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 oxidizers, heat and flames. Keep in cool, dry, ventilated storage and closed containers. Keep in original container. Protect against physical damage and/or friction. May attack some plastics, rubber and coatings.
STORAGE CRITERIA:	Flammable liquid storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (2)	64742-48-9	OES	170 ppm	
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC	64742-95-6	OES	40 ppm	
PROPYLBENZENE	98-82-8	OES	25 ppm(Sk)	50 ppm(Sk)
MESITYLENE	108-67-8	OES	20 ppm	
1,2,4-TRIMETHYLBENZENE	95-63-6		25 ppm	No std.

INGREDIENT COMMENTS: OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:



VENTILATION:	Provide adequate general and local exhaust ventilation.
RESPIRATORS:	Respiratory protection must be used if air concentration exceeds acceptable level.
PROTECTIVE GLOVES:	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.
HYGIENIC WORK PRACTICES:	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. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Emulsion.		
COLOUR:	Blue green.		
ODOUR/TASTE:	Hydrocarbon.		
BOILING POINT (°C, interval):	> 100	Pressure:	760mmHg
DENSITY/SPECIFIC GRAVITY (g/ml):	1.00	Temperature (°C):	20
VAPOUR PRESSURE:	0.05 (Excluding water content) kPa	Temperature (°C):	20
SOLUBILITY DESCRIPTION:	Forms an emulsion with water.		
FLASH POINT (°C):	36	Method:	CC (Closed cup).
AUTO IGNITION TEMP. (°C):	> 200		

10. STABILITY AND REACTIVITY:

STABILITY:	Avoid: Heat, sparks, flames. Normally stable.
CONDITIONS TO AVOID:	Avoid contact with strong oxidisers. Avoid heat, flames and other sources of ignition.
HAZARDOUS DECOMP. 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. Aspiration into the lungs during ingestion or subsequent vomiting will cause severe lung damage.
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12. ECOLOGICAL INFORMATION:

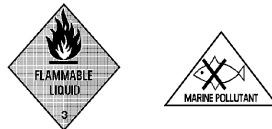
ECOLOGICAL INFORMATION:	Volatile Organic Content (%) is equal to 20 - 25
MOBILITY:	Solubility in water: Forms an emulsion with water
BIO ACCUMULATION:	No data available.
DEGRADABILITY:	No data available.
ACUTE FISH TOXICITY:	No data available.
WATER HAZARD CLASSIFICATION:	Germany : WGK 2

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	Dispose of 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:

LABEL FOR CONVEYANCE:



UN No. ROAD:	1268
UK ROAD PACK GR.:	III
ADR CLASS:	Class 3: Flammable liquids.
ADR LABEL No.:	3
PROPER SHIPPING NAME I:	Petroleum Distillates N.O.S.
PROPER SHIPPING NAME II:	Refined Hydrocarbons
RID CLASS No.:	3
UN No. SEA:	1268
IMDG CLASS:	3
IMDG PACK GR.:	III
EmS No.:	3-07
MARINE POLLUTANT:	Yes.

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



CONTAINS

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (2)

RISK PHRASES:

R-10 Flammable.
 R-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R-65 Harmful: may cause lung damage if swallowed.

SAFETY PHRASES:

S-51 Use only in well ventilated areas.
 S-60 This material and its container must be disposed of as hazardous waste.
 S-62 If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

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:

REVISION COMMENTS:

Year 2002 - Dangerous Preparations Directive/ Dangerous Substances Directive/ SDS Directive amendments

ISSUED BY:

Varn Products Laboratory

REVISION DATE:

20/10/02

REV. No./REPL. SDS GENERATED:

27/10/00

SDS No.:

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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.

R-PHRASES (Full Text):

R-34 Causes burns. R-10 Flammable. R-65 Harmful: may cause lung damage if swallowed. R-66 Repeated exposure may cause skin dryness or cracking. R-37 Irritating to respiratory system. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-67 Vapours may cause drowsiness and dizziness. R-36/38 Irritating to eyes and skin. R-20 Harmful by inhalation. R-36/37/38 Irritating to eyes, respiratory system and skin.