



SAFETY DATA SHEET

DESTAIN POWDER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	DESTAIN POWDER
PRODUCT NO.	C001
INTERNAL ID	P.76
APPLICATION	Tannin remover
SUPPLIER	Evans Vanodine International Brierley Road Walton Summit Preston. PR5 8AH 01772 322200 01772 626000

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
SODIUM CARBONATE	207-838-8	497-19-8	60-100%	Xi;R36
SODIUM METASILICATE			5-10%	C;R34. Xi;R36/38.
SODIUM CHLOROISOCYANURATE			5-10%	Xn;R22. Xi;R36/37. R31.

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

3 HAZARDS IDENTIFICATION

Contact with acids liberates toxic gas. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Irritating to eyes and skin.

CLASSIFICATION Xi;R36/38. R31,R52/53.

4 FIRST-AID MEASURES

INHALATION

Get medical attention if any discomfort continues. Move the exposed person to fresh air at once.

INGESTION

DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.

SKIN CONTACT

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

If involved in fire, may emit noxious fumes.

PROTECTIVE MEASURES IN FIRE

Protective clothing and respiratory protection should be worn when tackling fires involving this product.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid contact with eyes. Avoid contact with skin. Do not breathe dust.

DESTAIN POWDER

ENVIRONMENTAL PRECAUTIONS

This product may have adverse effects in the aquatic environment. Spillages or uncontrolled discharges into rivers or streams must be reported to The Environment Agency or other regulatory body.

SPILL CLEAN UP METHODS

Small quantities may be flushed to drains with plenty of water. Large Spillages Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid contact with skin and eyes. DO NOT mix with other chemicals. Avoid inhalation of dust. When making up a dilution ALWAYS add the powder to the water. (NEVER add the water to the powder.)

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES

Provide sufficient ventilation for operations causing dust formation.

RESPIRATORY EQUIPMENT

None required.

HAND PROTECTION

For prolonged or repeated skin contact the use of household rubber gloves is advisable.

EYE PROTECTION

Eye protection recommended.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder.		
COLOUR	White		
ODOUR	Faint Chlorine.		
SOLUBILITY	Soluble in water		
BOILING POINT (°C)	N/A	MELTING POINT (°C)	N/A
RELATIVE DENSITY	N/A	pH-VALUE, DILUTED SOLUTION	~ 11 @ 1%
FLASH POINT (°C)	Boils without flashing		

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

CONDITIONS TO AVOID

Heat and direct sunlight. Exposure to moisture.

MATERIALS TO AVOID

Strong acids. Aluminium, Tin, Zinc and their alloys.

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic chlorine gas is released if product is mixed with acidic materials.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

Refer to section 3.

Other Health Effects

Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DESTAIN POWDER

BIOACCUMULATION

Completely soluble. No bioaccumulation.

DEGRADABILITY

Rapidly degrades to Sodium Chloride by chemical reaction with organic matter in effluent.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

14 TRANSPORT INFORMATION

GENERAL Not classified for Transport.

15 REGULATORY INFORMATION

LABELLING



Irritant

CONTAINS

SODIUM METASILICATE

RISK PHRASES

R36/38	Irritating to eyes and skin.
R31	Contact with acids liberates toxic gas.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S2	Keep out of the reach of children
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46	If swallowed, seek medical advice immediately and show this container or label.

ENVIRONMENTAL LISTING

Control of Pollution (Special Waste) Regulations 1980.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC. As amended by Directive 93/112/EC and 2001/58/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. 2002

APPROVED CODE OF PRACTICE

The compilation of safety Data Sheets L130.

GUIDANCE NOTES

Occupational Exposure Limits EH40. Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100

16 OTHER INFORMATION

INFORMATION SOURCES

Approved Supply List - HSC. Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS

Revised in accordance with CHIP 2002. New SDS system. Introduction of Environmental Hazard.

REVISION DATE 01/04/03

REV. NO./REPL. SDS Issue 1

GENERATED

DESTAIN POWDER

RISK PHRASES IN FULL

R22	Harmful if swallowed.
R31	Contact with acids liberates toxic gas.
R34	Causes burns.
R36	Irritating to eyes.
R36/37	Irritating to eyes and respiratory system.
R36/38	Irritating to eyes and skin.