

JOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

52386 - 52387

18/01/07

JANITOL TUF - CLEAN

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product name: Janitol Tuf - Clean

Stock codes 52386 - 52387

Description of product: Heavy Duty Cleaner & Degreaser

Manufacturer: DEB Ltd
108 Spencer Road,
Belper, Derbyshire DE56 1JX
Tel: 01773 596700 Fax: 01773 820482

Distributor: John Astley & Sons Ltd,
Renown Avenue,
Coventry Business Park,
Coventry, CV5 6UF
Tel: (024) 7685 4545. Fax: (024) 7685 4515. E-mail: sales@astleys.co.uk

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name.	EINECS No.	Content	CAS-No.	Classification *
Cationic Surfactant No.2		1-10%	68989-03-7	Xi; R36; N; R51/53
Nonionic Surfactant No.2		1-10%	68439-46-3	Xi; R41
EDTA 100%		1-10%		Xi; R38; Xi R41
Sodium Hydroxide	215-185-5	1-10%	1310-73-2	C; R35

* The full text for Risk phrases is shown in section 16

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes and skin.

4. FIRST AID MEASURES

Skin contact: There may be mild irritation at the site of contact.
Wash contaminated skin immediately with soap and water.
Remove contaminated clothing and launder before re-use.

Eye contact: There may be irritation and redness.
Wash immediately with clean water for at least 10 minutes.
If any soreness or irritation persists seek medical advice.

Ingestion: There maybe soreness and redness of the mouth and throat.
Rinse mouth and throat thoroughly. Give about 1/2 pint of liquid to drink.
Obtain immediate medical advice. Do not induce vomiting.

Inhalation: Unlikely to give any symptoms.
In extreme cases may cause mild irritation or nausea.
Remove to fresh air and seek medical advice if symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media: This product is water based and will not support combustion.
Suitable extinguishing media for the surrounding fire should be used.

Protection of fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Clean-up procedures: In the event of spillage mop up bulk and dilute remainder to foul drain with water.
Treat large spillages as industrial waste.

JOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

52386 - 52387

18/01/07

JANITOL TUF - CLEAN

7. HANDLING AND STORAGE

Handling requirements: Do not mix with any material other than water, as directed.
Wear suitable personal protective equipment, as detailed in section 8.
If the product is to be used for an application other than that stated on the label, contact Technical Services Hotline (01773 880367) to check suitability.

Storage conditions: Protect from extremes of temperature.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients: Sodium Hydroxide
STEL (15 min exposure limit): 2 mg/m³ (OES)

Hand protection: Wear suitable natural rubber latex or nitrile gloves.
Take further advice from reputable glove manufacturer / supplier regarding suitability/useful contact time of their recommended gloves.

Eye protection: Safety goggles or face shield should be worn if the product is used through high pressure equipment or splashing is anticipated.

Skin protection: Waterproof overalls and shoes / boots should be worn if the product is used through high pressure equipment or if splashing is anticipated.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid
Colour: Orange-Red
Odour: Characteristic odour
Evaporation rate: Negligible
Solubility in water: Soluble
Viscosity: Non-Viscous
pH: 12 - 13

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Direct Sunlight. Avoid extremes of temperature.

Haz. Decomp. Products: None known.

11. TOXICOLOGICAL INFORMATION

Ingredients: Sodium Hydroxide
IPR MUS LD50 40 mg/kg
ORL RBT LDLO 500 mg/kg

Routes of exposure: Skin Contact- May cause irritation / dryness or defatting of the skin with prolonged contact.
Eye contact- Irritant and may cause inflammation.
Ingestion - May cause gastrointestinal inflammation.
Inhalation- No fumes evolved

12. ECOLOGICAL INFORMATION

Mobility: Non-volatile. Soluble in water.

Degradability: This product conforms to current EEC directives on biodegradability.

Other adverse effects: May be harmful to aquatic organisms due to pH shift.

JOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

52386 - 52387

18/01/07

JANITOL TUF - CLEAN

13. DISPOSAL CONSIDERATIONS

Disposal operations: Dispose of according to local authority regulations.

Disposal of packaging: Drain well. Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

Shipping name: Not Classified For Transport

15. REGULATORY INFORMATION

Hazard symbols: Irritant.

Risk phrases: R-36/38 Irritating to eyes and skin.

Safety phrases:

S-2	Keep out of the reach of children.
S-25	Avoid contact with eyes.
S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-46	If swallowed, seek medical advice immediately and show this container or label.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk Phrases

used in section 2:

R-36	Irritating to eyes.
R-51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R-41	Risk of serious damage to eyes.
R-38	Irritating to skin.
R-35	Causes severe burns.

Additional information:

For additional information regarding Deb products please contact the Deb Technical Services Department (01773 880367). In all cases of potential poisoning supportive therapy is of the utmost importance.

If medical professionals require advice regarding first aid treatment all Deb products are registered at Guys Hospital, London.

The above information complies with the 199/45/EC Directive and its amendments.

Always ensure users are fully trained and read label before using product.

Data Compiled using Raw Material Supplier Data and Lycos Classification System.

Disclaimer:

The purpose of the above information is to describe the products only in terms of health and safety requirements. The information given should not, therefore, be construed as guaranteeing specific properties or as specification. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.

Issued: 4th November 2004