

	MATERIAL SAFETY DATA SHEET	Revision nr:
		Date: 03.01.03
		Supersedes:
	Tavec 201	3445

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Company identification: tensid uk ltd
Aquila House, 70a Wheatash Rd
Addlestone
Surrey KT15 2ES United Kingdom
Tel: 01932 564133

Product code: 3445
Trade name: Tavec 201
Use: Residue and Coating Remover

2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:	CAS NO:	% by Wt:	RISK:
Aromatic Alcohol:	100-51-6	20 - 40	Xn, 20/22
Amine Mixture:	N/A	1 - 5	IK
Water:	7732-18-5	40 - 60	IK
Evaporation Retardant:	MIXTURE	6 - 10	IK

3 HAZARDS IDENTIFICATION

3.1 OVERVIEW

General Physical Form: Sprayable/Brushable Cream
Odour/Colour/Grade: Mild Odour, Green Colour, Spray/Brush
Specific Physical Form: O/W Emulsion
Immediate health, physical and environmental hazards: May cause slight eye irritation. Harmful if swallowed.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact: Slight to moderate eye irritation. Signs/symptoms may include redness, swelling and discomfort.

Skin Contact: Slight to moderate irritation. Signs/symptoms may include localized numbness of the contacted area and itching. Numbness is due to the impact of the alcohol mixture and its anaesthetic properties.

Inhalation: Single exposure, above recommended guidelines may cause:- Respiratory tract irritation. Signs/symptoms may include coughing, headache and hoarseness.

Ingestion: Gastrointestinal irritation. Signs/symptoms may include abdominal pain, nausea, diarrhoea and vomiting.

Target organ effects: None.

3.3 POTENTIAL ENVIRONMENTAL EFFECTS

None expected

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4 FIRST AID MEASURES

41 FIRST AID PROCEDURES

The following first aid recommendations are based on the assumption that appropriate and personal and industrial hygiene practices are followed.

Eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate Medical attention.

Skin contact: Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water for at least 15 minutes. Get immediate medical attention. Wash contaminated clothing and clean shoes before reuse.

Inhalation: Remove patient to fresh air. If signs/symptoms develop, get medical attention..

Ingestion: If swallowed give victim two glasses of milk or water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

5 FIRE-FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Auto ignition temperature: Not applicable
Flash point: above 100°C (PMCC) * see note below
Flammable limits – LEL: No data available
Flammable limits – UEL: No data available
Flammability classification: Non Flammable

* **Note:** Water vapour from test sample smothers the flame thereby preventing ignition and flash point detection.

5.2 EXTINGUISHING MEDIA

Class B extinguishing agents (e.g., dry chemical, carbon dioxide).

6 ACCIDENTAL RELEASE MEASURES

Wear appropriate clothing, gloves, safety glasses. Contain spill. Working from around the edges of the spill inward, cover with an absorbent material such as bentonite, vermiculite or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears to dry. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authority. Seal the container. Clean up residue with soap and water. Rinsates may be disposed of in sewers leading to a municipal or city treatment facility or an internal treatment facility.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to the Local Authority Requirements.

7 HANDLING AND STORAGE

7.1 HANDLING

Avoid contact with oxidizing agents, acids and alkalis. Avoid eye contact with vapour, mists or spray. Use in a well ventilated area. Keep container closed when not in use. Keep out of the reach of children.

7.2 STORAGE

Store away from heat. Store out of direct sunlight.

Storage Temperature: 0 – 45°C

Shelf Life: 12 months minimum

Note. Frozen product may separate upon thawing. Extended storage above 45°C may contribute to a shorter shelf life.

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8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Use with appropriate local exhaust ventilation.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact. The following eye protection(s) are recommended. Safety Glasses.

An eye wash station should be in the area.

8.2.2. Skin Protection

Avoid skin contact. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials. Gloves made from the following material are recommended: Neoprene.

Clothing made from the following materials are recommended: Tyvec, rubber or neoprene.

A safety shower should be available in the area.

8.2.3. Respiratory Protection

Avoid breathing of vapours, mists or spray. Select one of the following suitable respirators based on airborne concentration of contaminants. Use combination filter P2/A against aerosol formation.

8.2.4 Prevention of Swallowing

Do not ingest. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

9 PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:	O/W Emulsion
Odour, Colour, Grade:	Mild Odour, Green colour, Spray/Brush
Auto ignition temperature:	Not applicable
Flash Point:	Above 100°C (see note in section 5.1)
Flammable Limits-LEL:	No data available
Flammable Limits – UEL:	No data available
Boiling Point:	Approximately 100°C
Vapour Density:	No data available
Vapour Pressure:	<1
Specific Gravity:	Approximately 1.01 (Ref STD: WATER = 1)
Ph:	Alkaline
Melting Point:	Not applicable
Solubility in water:	Partially miscible
Evaporation rate:	<1 (Ref. N-butyl acetate=1)
Viscosity:	9000 – 18000 cPs
VOC Content:	No regulated VOC's

10 STABILITY AND REACTIVITY

Stability:	Stable
Materials and Conditions to Avoid:	Strong oxidizing agents, acids and alkalis.
Hazardous Polymerization:	Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

Substance	Condition
Carbon Monoxide	During Combustion
Carbon dioxide	During Combustion

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11 TOXOLOGICAL INFORMATION

See Section 3 Hazards Identification – 3.2. Potential Health Effects.

12 ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Tavec 201 is partially miscible in water and biodegradable in accordance with the ISO/DIS 8192 standard (measure of the inhibition of oxygen consumption of activated sludge). Accumulation is not expected.

CHEMICAL FATE INFORMATION

Not Determined

13 DISPOSAL CONSIDERATIONS

Waste disposal Method: Waste material must be disposed of in accordance with the Local Authority requirements
Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.
Wastegroup: EWC –code: 08 01 09 waste from paint or varnish removal (except 08 01 05 and 08 01 06)

14 TRANSPORT INFORMATION

Not classified as hazardous for Transport.

15 REGULATORY INFORMATION

EC GUIDELINES

Code letter and hazard designation of product: Xn

Composition: Aromatic alcohol (20 – 40%)

Risk Phrases: R20/22 – harmful by inhalation and if swallowed.

Safety Phrases: S (2) - Keep out of reach of children
S24/25 – Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with running water for 15 minutes and seek medical advice.

16 OTHER INFORMATION

Other information: Specifications and technical information may be obtained from Tensid

Revision date: Not applicable

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC

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