

SAFETY DATA SHEET

BPS 7624

Last changed: 15/10/2010

Replaces date: 21/12/2009

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

TRADE NAME BPS 7624
APPLICATION AREA Paint remover

Vendor art. number
7624

NATIONAL MANUFACTURER/IMPORTER

Enterprise Trion Tensid AB
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CONTACT PERSONS

Name	E-mail	Telephone	Country
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Emergency Phone	Type of assistance	Opening Hours
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2. HAZARDS IDENTIFICATION

HEALTH

R22 Harmful if swallowed. R36/38 Irritating to eyes and skin.

FIRE AND EXPLOSION

Not flammable, but combustible.

ENVIRONMENT

Readily biodegradable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	Classification
2-butoxietanol		203-905-0	111-76-2	10 - 30 %	Xn,Xi,R20/21/22 - R36/38
gamma-Butyrolakton		202-509-5	96-48-0	10 - 30 %	Xn,R22 - R36
Extracts, petroleum, middle distillate solvent		265-105-8	64742-06-9	< 10 %	Xn,R53 - R65 - R66
benzyl alcohol		202-859-9	100-51-6	5 - 10 %	Xn,R20/22

Explanation of symbols: T+ =highly toxic, T=toxic, C=corrosive, Xn=harmful, Xi=irritant E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Cancer=Carcinogenic, Mut=Mutagenic, Rep=Toxic for reproduction, Conc.=Concentration

4. FIRST AID MEASURES

GENERAL

Consult a physician for specific advice.

INHALATION

Fresh air.

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SKIN CONTACT

Promptly flush contaminated skin with soap or mild detergent and water. Promptly remove clothing if penetrated and flush the skin with water.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Consult an eye specialist if the irritation persists.

INGESTION

Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. DO NOT induce vomiting. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguishing agent: carbon dioxide, powder or a wide water jet.

EXTINGUISHING METHODS

Cool with a wide water jet. Cover over with dry sand.

FIRE AND EXPLOSION HAZARDS

Not flammable, but can sustain combustion. The product may ignite when heated to temperatures at or above the flash point.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

Avoid breathing fire vapours.

OTHER INFORMATION

Containers close to fire should be removed or cooled with water.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear necessary protective equipment.

SAFETY ACTIONS TO PROTECT EXTERNAL ENVIRONMENT

Prevent discharge of larger quantity to drain. Collect in a suitable container approved for the purpose. Bank in and collect.

METHODS FOR CLEANING UP

Absorb in inert material (vermiculite, dry sand or earth) and collect. Flush clean with lots of water. Be aware of potential for surfaces to become slippery.

OTHER INFORMATION

Only major emissions may represent a risk.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS

Keep away from sources of ignition. May attack some plastics, rubber and coatings.

HANDLING ADVICE

Avoid contact with the skin and eyes, and also contact with clothes. Store in original container to avoid contamination.

STORAGE

Keep container tightly closed in a cool place.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROL

Use suitable protective gloves and protective clothes if there is risk of direct contact or splashing.

RESPIRATORY PROTECTION

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator with A filter (brown).

EYE PROTECTION

Use approved safety goggles or face shield.

HAND PROTECTION

Use protective gloves that are resistant to chemicals. Protective gloves (butyl rubber, natural rubber, nitrile rubber).

PROTECTIVE CLOTHING

Use suitable protective clothing, as necessary.

OTHER INFORMATION

Isolate contaminated clothing and wash before reuse.

OEL value

Ingredient name	CAS no.	Range	ppm	mg/m ³	Year	Notification
2-butoxietanol	111-76-2	15 min.	20	100	1993	H
2-butoxietanol	111-76-2	8 h	10	50	1993	H

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Viscous liquid.
COLOUR	Light yellow.
ODOUR	Weak odour of solvents.
SOLUBILITY	Miscible with: Organic solvents.
WATER SOLUBILITY	~50 %
FAT SOLUBILITY	Not applicable.

Physical and chemical parameters

Parameter	Value/unit	Method/reference	Observation
pH in solution	~ 8.00		
Flash point	~ 90.00 °C		
Density	970.00 kg/m ³		

10. STABILITY AND REACTIVITY

STABILITY

Partially soluble in water. Stable under recommended storage and handling conditions.

CONDITIONS TO AVOID

Keep away from sources of ignition.

MATERIALS TO AVOID

May react with strong oxidants and with strong acids or bases.

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HAZARDOUS DECOMPOSITION PRODUCTS

Incomplete combustion/thermal decomposition will generate smoke, carbon dioxide and hazardous gases, which will include carbon monoxide.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXIC TEST RESULTS

benzyl alcohol				
Route of exposure	Exposure time	Value/unit	Species	Source
LD50(Dermal)		2000.00 mg/kg	rabbit	
LD50(Oral)		1200.00 mg/kg	rat	

gamma-Butyrolakton				
Route of exposure	Exposure time	Value/unit	Species	Source
LD50(Oral)		800.0000 - 1600.00 mg/kg	rat	

2-butoxietanol				
Route of exposure	Exposure time	Value/unit	Species	Source
LD50(Oral)		470.0000 - 3000.00 mg/kg	rat	

GENERAL

Preparation has low toxicity, therefore risk of damage is limited in normal handling.

INHALATION

Nausea, vomiting. High concentrations may give rise to symptoms such as smarting, coughing, headache, nausea, dizziness and tiredness.

SKIN CONTACT

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization in susceptible persons.

EYE CONTACT

Irritation. May cause temporary problems such as smarting, pains and redness.

INGESTION

Aspiration during vomiting or ingestion may cause chemical pneumonia. Ingestion may cause nausea, vomiting, diarrhoea and respiratory difficulties.

12. ECOLOGICAL INFORMATION

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AQUATIC ECOTOXICITY

benzyl alcohol

Test	Exposure time	Value/unit	Species	Source
EC50(Acute Daphnia)	48h	< 55.00 mg/l	magna	
IC50(Acute algae)	72h	100.00 mg/l		
LC50(Acute fish)	96h	10.00 mg/l	Lepomis macrochirus	

gamma-Butyrolakton

Test	Exposure time	Value/unit	Species	Source
LC50(Acute fish)	96h	460.00 mg/l		
EC50(Acute Daphnia)	48h	> 500.00 mg/l		
IC50(Acute algae)	72h	79.00 mg/l		

2-butoxietanol

Test	Exposure time	Value/unit	Species	Source
LC50(Acute fish)		1300.00 mg/l	(Lepomis macrochirus)	
LC50(Acute Daphnia)	48h	835.00 mg/l	magna	
EC50(Acute fish)		3200.00 mg/l	(Acute immobilisation)	
IC50(Acute algae)	72h	> 286.00 mg/l	Pseudokirchneriella subcapitata	

ECOTOXICITY

Low toxicity to aquatic organisms.

DEGRADABILITY

The organic components are readily biodegradable. Expected to be readily biodegradable.

ACCUMULATION

Bioaccumulation improbable.

OTHER INFORMATION

The assessment is based on the properties of the components.

13. DISPOSAL CONSIDERATIONS

GENERAL REGULATIONS

After dilution with water, small quantities are permitted to go to a water purification plant. Do not try to refill or clean the packaging. Emptied and cleaned packaging can be recycled or burnt.

CATEGORY OF WASTE

Suitable classification of waste is the responsibility of the user. Empty packages must be handled in an environmentally-correct manner as per the applicable laws and regulations.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods: No

15. REGULATORY INFORMATION



Harmful

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EC-Label: No

COMPOSITION

2-butoxietanol (10 - 30 %), gamma-Butyrolakton (10 - 30 %), Extracts, petroleum, middle distillate solvent (< 10 %), benzyl alcohol (5 - 10 %)

R-PHRASES

R22 Harmful if swallowed.
R36/38 Irritating to eyes and skin.

S-PHRASES

S37/39 Wear suitable gloves and eye/face protection.
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.
After contact with skin, wash with plenty of water.

16. OTHER INFORMATION

REFERENCES FOR ADDITIONAL INFORMATION

Assessed on the basis of available data.

VENDOR NOTES

Only for professional use.

LIST OF RELEVANT R-PHRASES

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R20/22 Harmful by inhalation and if swallowed.
R22 Harmful if swallowed.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R53 May cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

REVISION HISTORY

Version	Rev. date	Responsible	Changes
1.0.1	21/12/2009	WS	New database
1.0.2	15/10/2010	WS	Changes in section 2,3,15