

**SAFETY DATA SHEET****TECTYL 800-D****1. Identification of the substance/preparation and of the company/undertaking**

**Product name** : TECTYL 800-D  
**Material Uses** : Industrial applications: Antirust compositions.

**Manufacturer / Supplier :**

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Chemical name*	CAS No.	%	EC Number	Classification
Baseoil; distillates (petroleum), hydrotreated light naphthenic	64742-53-6	90-100	265-156-6	
2-Butoxyethanol	111-76-2	1-5	203-905-0	Xn; R20/21/22 Xi; R36/38
Baseoil; Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	1-5	265-169-7	
Baseoil; distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	0.5-1	265-155-0	R53
Dinonyl-naphthalene sulfonate (Barium salt)	25619-56-1	0.5-1	247-132-7	Xi; R36/38 R43
See Section 16 for the full text of the R Phrases declared above				

\* Occupational Exposure Limit(s), if available, are listed in Section 8

**3. Hazards identification**

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : Irritant  
 R43- May cause sensitization by skin contact.

**Effects and symptoms**

**Skin contact** : Hazardous in case of skin contact (sensitizer). Severe over-exposure can result in death.

**Target Organs** : Contains material which causes damage to the following organs: blood, kidneys, liver, lymphatic system, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

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## 4. First-aid measures

### First-Aid measures

- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : In case of contact, immediately flush skin copiously with water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention immediately.
- Eye Contact** : Check for and remove any contact lenses. In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

## 5. Fire-fighting measures

### Extinguishing Media

- Suitable** : SMALL FIRE: Use dry chemical powder or CO<sub>2</sub>.  
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
- Hazardous thermal (de)composition products** : These products are carbon oxides (CO, CO<sub>2</sub>) and water, sulphur oxides (SO<sub>2</sub>, SO<sub>3</sub>, etc.). Some metallic oxides.
- Protection of fire-fighters** : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

## 6. Accidental release measures

- Personal Precautions** : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
- Environmental precautions and cleanup methods** : Stop leak if without risk. Use water spray to reduce vapours. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

**Note:** See section 8 for personal protective equipment and section 13 for waste disposal.

## 7. Handling and storage

- Handling** : Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapour/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 10 to 35°C (50 to 95°F).
- Packaging materials**
- Recommended use** : Use original container.

## 8. Exposure controls/personal protection

- Engineering measures** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.
- Hygiene measures** : Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of day.

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## Occupational Exposure Limits

<u>Ingredient Name</u>	<u>Occupational Exposure Limits</u>
Baseoil; distillates (petroleum), hydrotreated light naphthenic 2-Butoxyethanol	<b>80/1107/EEC (Europe). Notes: Supplier's information</b> TWA: 5 mg/m <sup>3</sup> 8 hour(s). Form: Mis <b>EU OEL (Europe, 2000). skin Notes: Indicative</b> STEL: 246 mg/m <sup>3</sup> 15 minute(s). STEL: 50 ppm 15 minute(s). TWA: 98 mg/m <sup>3</sup> 8 hour(s). TWA: 20 ppm 8 hour(s)
Baseoil; Distillates (petroleum), solvent-dewaxed heavy paraffinic	<b>80/1107/EEC (Europe, 1999). Notes: Supplier's information</b> TWA: 5 mg/m <sup>3</sup> 8 hour(s). Form: Mis
Baseoil; distillates (petroleum), hydrotreated heavy naphthenic	<b>EH40 (Europe).</b> STEL: 10 mg/m <sup>3</sup> 15 minute(s). Form: Mist STEL: 5 mg/m <sup>3</sup> 8 hour(s). Form: Mis
Dinonyl-naphthalene sulfonate (Barium salt)	<b>EU OEL (Europe, 1991). Notes: Indicative</b> TWA: 0.5 mg/m <sup>3</sup> 8 hour(s).

## Personal protective equipment

- Respiratory system** : Wear appropriate respirator when ventilation is inadequate.
- Skin and body** : Lab coat.
- Hands** : Impervious gloves.
- Eyes** : Safety glasses.

## 9. Physical and chemical properties

- Physical state** : Liquid.
- Colour** : Not available.
- Odour** : Not available.
- Boiling point** : The lowest known value is >150°C (302°F) (Baseoil; Distillates (petroleum), solvent-dewaxed heavy paraffinic).
- Melting point** : May start to solidify at -60°C (-76°F) based on data for: Baseoil; distillates (petroleum), hydrotreated light naphthenic.
- Density** : 0.885 g/cm<sup>3</sup> (15°C / 59°F)
- Vapour density** : The highest known value is 4.07 (Air = 1) (2-Butoxyethanol).
- Evaporation Rate** : 0.07 (2-Butoxyethanol) compared to n-Butyl acetate
- Solubility** : Insoluble in cold water.
- pH** : Not applicable.
- Flash point** : Open cup: 140°C (284°F)(Cleveland.).
- Autoignition temperature** : The lowest known value is 244.05°C (471.3°F) (2-Butoxyethanol).

## 10. Stability and reactivity

- Stability** : The product is stable.
- Materials to avoid** : Reactive with oxidizing agents.
- Hazardous decomposition products** : These products are carbon oxides (CO, CO<sub>2</sub>) and water, sulphur oxides (SO<sub>2</sub>, SO<sub>3</sub>, etc.). Some metallic oxides.

## 11. Toxicological information

### Acute toxicity

<u>Ingredient Name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
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Baseoil; distillates (petroleum), hydrotreated light naphthenic	LD50	>5000 mg/kg	Oral	Rat
2-Butoxyethanol	LD50	470 mg/kg	Oral	Rat
	LD50	300 mg/kg	Oral	Rabbit
	LD50	1200 mg/kg	Oral	Guinea pig
	LD50	220 mg/kg	Dermal	Rabbit
Baseoil; distillates (petroleum), hydrotreated heavy naphthenic	LD50	>5000 mg/kg	Oral	Rat
	LD50	>2000 mg/kg	Dermal	Rabbit

- Chronic toxicity** : Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
- Sensitization** : Hazardous in case of skin contact (sensitizer).
- Carcinogenic effects** : Not available.
- Mutagenic Effects** : Not available.
- Reproduction toxicity** : Not available.
- Teratogenic effects** : Not available.

## 12. Ecological information

### Ecotoxicity Data

<u>Ingredient Name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
2-Butoxyethanol	Lepomis macrochirus (LC50)	96 hours	1490 mg/l
Baseoil; distillates (petroleum), hydrotreated heavy naphthenic	Fish (LC50)	96 hours	>1000 mg/l

<u>Ingredient Name</u>	<u>Persistence/degradability</u>				
	<u>BOD<sub>5</sub></u>	<u>COD</u>	<u>ThOD</u>	<u>Aquatic Half-life</u>	<u>Photolysis</u>
2-Butoxyethanol Baseoil; distillates (petroleum), hydrotreated heavy naphthenic					

<u>Ingredient Name</u>	<u>Persistence/degradability</u>		<u>Bioaccumulative potential</u>		
	<u>Biodegradability</u>		<u>LogP<sub>ow</sub></u>	<u>BCF</u>	<u>Potential</u>
2-Butoxyethanol Baseoil; distillates (petroleum), hydrotreated heavy naphthenic	Readily Not readily		>3.9		high

- Persistence/degradability** : Not available.

## 13. Disposal considerations

- Methods of disposal ; Waste of residues ; Contaminated packaging** : Waste must be disposed of in accordance with federal, state and local environmental control regulations.
- European Waste Catalogue (EWC)** : 08 01 11\*
- Hazardous Waste** : The classification of the product may meet the criteria for a hazardous waste
- Additional Information** : 08 01 11 waste paint and varnish containing organic solvents or other dangerous substances

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## 14. Transport information

### International transport regulations

#### Land - Road/Railway

UN number : 1139  
Proper shipping name : COATING SOLUTION  
ADR/RID Class : 3  
Packing group : III  
ADR/RID label :



Other information : Hazard identification number  
30

Remarks  
Not controlled under ADR (Europe).

#### Sea

UN number : 1139  
Proper shipping name : COATING SOLUTION  
IMDG Class : 3  
Packing group : III  
IMDG label :



Other information : Emergency Schedules (EmS)  
3-06

Remarks  
Not controlled under IMDG.

## 15. Regulatory information

### EU Regulations

Hazard symbol(s) :



Irritant

**Risk Phrases** : R43- May cause sensitization by skin contact.  
**Safety Phrases** : S24- Avoid contact with skin.  
S37- Wear suitable gloves.  
**Contains** : Dinonyl-naphthalene sulfonate (Barium salt) 247-132-7  
**Product Use** : Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.  
- Industrial applications.

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## 16. Other information

**Full text of R-Phrases with no. appearing in Section 2 - Europe** : R20/21/22- Harmful by inhalation, in contact with skin and if swallowed.  
R36/38- Irritating to eyes and skin.  
R43- May cause sensitization by skin contact.  
R53- May cause long-term adverse effects in the aquatic environment.

**Text of classifications appearing in Section 2 - Europe** : Xn - Harmful  
Xi - Irritant

### HISTORY

**Date of printing** : 17-4-2003.  
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