

## Safety Data Sheet

Product name :

NEVASTANE 6 AEROSOL

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SDS n° :34123-33

Version :3.03

Version of : 2008-11-09

This sheet supersedes the one dated : 2008-09-18

### PRODUCT LABELS

LABELLING (standard or EU):

Concerned

R-phrases :

R-44 Risk of explosion if heated under confinement.  
R-66 Repeated exposure may cause skin dryness or cracking.

S-phrases :

S-15 Keep away from heat.

Other :

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C Do not pierce or burn containers after use. Do not spray on naked flame or any incandescent material. Keep away from sources of ignition. - No smoking near product. Keep out of reach of children.

TRANSPORT LABELLING:

Applicable (see section 14)

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

Name of the product :

NEVASTANE 6 AEROSOL

Code No. :

LIO

Product application :

Product in aerosol form.  
Oil for the food industry

Supplier :

TOTAL LUBRIFIANTS  
562 avenue du Parc de l'Ile  
92029 Nanterre CEDEX  
Tel: +33 (0)1 41 35 40 00  
Fax: +33 (0)1 41 35 84 71  
rm.msds-lubs@total.com

See local details at end of sheet :

### 2. HAZARDS IDENTIFICATION

Health effects :

This product does not present a danger of intoxication.

Environmental impact :

Do not discharge this product into the environment.

Physico-chemical hazards :

Risk of explosion if heated under confinement.  
Aerosol: Pressurised container.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### PREPARATION

Chemical nature :

White mineral oil (petroleum), light  
Content in PAH according to IP 346 method < 3%

Substances presenting a health hazard	EC No.	CAS No.	Content	Symbol(s)	R-phrases
Distillates (petroleum), hydrotreated light	265-149-8	64742-47-8	<95 %	Xn	R-38, 65

See section 16 for explanations of R-phrases :

### 4. FIRST AID MEASURES

IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

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Inhalation :	Inhalation of heavy concentrations of vapour, fumes or spray, may cause mild irritation of the throat. Transport the person into fresh air, keep warm and allow to rest.
Ingestion :	Get medical attention immediately! Possible risk of vomiting and diarrhoea. Do not induce vomiting to avoid the risk of aspiration into the respiratory tract. Give nothing to drink
Skin contact :	Immediately remove all soiled or stained clothing. Wash the affected area immediately and repeatedly with soap and water.
Eye contact :	Keep eyes open and rinse immediately and repeatedly with water for at least 15 minutes.

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### 5. FIRE FIGHTING MEASURES

Flash point: See heading 9

Extinguishing media :

- suitable:  
Foam, carbon dioxide (CO<sub>2</sub>), powder.
- not recommended:  
Do not use water jets (stick jets) for extinguishing fire, as this may help the spread of flames.

Specific hazards :

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled.  
Vapours can build explosive mixtures with air.  
Vapours are heavier than air and may spread on the ground to sources of ignition.

Protective measures for firefighters :

Insulated breathing apparatus must be worn in confined premises with heavy concentrations of fumes and gases.

Other :

All combustion residues and contaminated water from fire-fighting should be disposed of according to local regulations.

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### 6. ACCIDENTAL RELEASE MEASURES

See sections 8 and 13.

Personal protection :

Ensure good ventilation.  
Remove sources of ignition. Do not smoke.

After spillage / leakage :

- On land:  
Surfaces on which the product has been spilled may become slippery.  
Do not allow the product to enter sewers or rivers or contaminate the soil.  
Recover with mechanical means such as pumps and skimmers.
- On water:  
If the product is spilt into rivers or sewers, notify the authorities of the possible presence of surface effluent.

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### 7. HANDLING AND STORAGE

HANDLING :

Prevention of user exposure :

Ventilate extensively if the formation of vapours, fumes, mists or aerosol is a risk.  
Keep away from combustible substances; keep away from food and beverages.

Prevention of fire and explosion :

Empty containers may contain flammable or explosive vapours.  
There is a fire hazard associated with rags, paper or any other material used to remove spills which become soaked with product.  
Avoid accumulation of these: they are to be disposed off safely after use.

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Precautions :

Never spray near a flame or glowing object.  
Do not expose to sunlight or temperature exceeding 50 °C/123 °F.  
Do not perforate or burn, even after use.  
Avoid static electricity build up with connection to earth.

STORAGE :

Technical measures :

Make the necessary arrangements to prevent water and soil pollution.

Storage precautions :

- Suitable:  
Store at ambient temperature, protected against contact with water and moisture, and away from any source of ignition.  
- To be avoided:  
Do not store exposed to the elements.

Incompatible products :

Dangerous reaction with strong oxidizing agents.

Packaging materials :

- Recommended:  
Not applicable

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Technical measures :

Use the product in a properly ventilated atmosphere.  
When working on enclosed place (tanks, reservoirs...), make sure that atmosphere is not suffocating and/or wear recommended equipment.

Occupational exposure limit :

. oil mist : 10mg/m<sup>3</sup>, for 15 minutes  
. oil mist : 5mg/m<sup>3</sup>, for 8 hours

Respiratory protection :

If exposure is likely to exceed the occupational exposure limit, in a ventilated space, use approved respiratory protective equipment; in confined spaces, use autonomous breathing apparatus.

Hand protection :

Impermeable hydrocarbon-proof gloves.  
Recommended material : Nitrile > 0,3 mm / > 60 minutes (EN 374-3).  
The break through times of the same type of glove of different manufacturers can be very different - even if the layer thickness is similar. Therefore the break through times have to be found out from the manufacturer of the protective gloves themselves.  
The demands on the gloves are determined by the conditions in practice (e.g. multiple use, mechanical load, temperature, strength and duration of exposition).  
Before choosing suitable gloves, it is recommended that the user tests the gloves.

Eye protection :

Goggles, in case of risk of splashing.

Skin and body (other than the hands) protection :

Depending on the requirements, face mask, boots, product resistant clothing, safety shoes (drum handling).  
Don't wear rings, watches or anything similar which can retain the product and may give rise to skin conditions.

Hygienic work practices :

Avoid prolonged and repeated contact with the skin, especially with used or waste product  
Immediately remove all soiled or stained clothing.  
If the product comes into contact with the skin, wash the affected area immediately and copiously with soap and water.  
Do not use abrasives, solvents or fuels.  
Do not dry hands with rags that have been contaminated with product.  
Do not put product contaminated rags into workwear pockets.  
Do not eat, drink or smoke whilst handling the product.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :

Liquid

Colour :

Colourless to light yellow

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Odour :	Characteristic.
Density/specific gravity :	1060 kg/m3 Temperature (°C) 22
Flash point :	Solvent > 61 °C CC (Closed cup).
Température d'auto-inflammation :	Solvant > 200 °C (ASTM E 659)
Solubility :	- in water : Negligible - in organic solvents : Soluble in many common solvents.
Viscosity :	800 - 850 cP Temperature (°C) 25

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### 10. STABILITY AND REACTIVITY

Stability :	The product is stable at normal storage, handling and use temperatures.
Conditions to avoid :	Heat (temperatures above flash point), sparks, ignition points, flames, static electricity
Materials to avoid :	Avoid contact with strong oxidizers
Hazardous decomp. products :	Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot.

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### 11. TOXICOLOGICAL INFORMATION

Acute toxicity / Local effect :	
Inhalation, comments:	Inhalation of high concentrations of vapour or aerosols may cause irritation of the upper respiratory tract.
Skin contact, comments:	Not classified according to the criteria of classification in force.
Ingestion, comments:	In this case, the product may enter the lungs and lead to the rapid development of very serious pulmonary lesions.
CHRONIC TOXICITY OR LONG-TERM TOXICITY :	
Skin contact :	Characteristic skin affections (oil blisters) may develop following prolonged and repeated exposure through contact with stained clothing
Sensitization :	To our knowledge, the product does not cause aggravated sensitivity.

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### 12. ECOLOGICAL INFORMATION

Comments about ecotoxicity :	Experimental data on the finished product are not available. It is considered to present a little danger for aquatic life. no information available for used product
Mobility :	- Air: there is a slow loss by evaporation. - Soil: Given its physical and chemical characteristics, the product generally shows little mobility in the ground. - Water: The product is insoluble; it spreads on the surface of the water

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### 13. DISPOSAL CONSIDERATIONS

Waste disposal :	Dispose of in a safe manner, in accordance with local regulations. If necessary, collection by an approved collector.
Waste class :	16 05 04. The waste classification is dependant on the composition of the product at the time of disposal. The waste classification mentioned here represents only a recommendation. The waste producer is responsible for the correct specification of the waste. The specification of the waste classification should be in arrangement with the authorised waste disposal company.
Disposal of contaminated packaging :	Proceed in compliance with the prevailing regulations.

### 14. TRANSPORT INFORMATION

UN Number :	1950
Proper shipping name (national) :	AEROSOLS, ASPHYXIANTS
Proper shipping name (international) :	AEROSOLS
Label for conveyance :	



Road (ADR) / Rail (RID) :	
Class :	2
Code de classification :	5A
Hazard Label(s) :	2.2
Transport by barge (ADNR) :	
Class :	2
Code de classification :	5A
Hazard Label(s) :	2.2
Marine (IMO-IMDG) :	
Class :	2.2
Hazard Label(s) :	2.2
Safety card :	F-D, S-U
Air (ICAO/IATA) :	
Class :	2.2
Hazard Label(s) :	2.2
Special provisions :	- ADR : 190 625



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### 15. REGULATORY INFORMATION

Risk phrases : R-44 Risk of explosion if heated under confinement.  
R-66 Repeated exposure may cause skin dryness or cracking.

Safety phrases : S-15 Keep away from heat.

EU directives : Hazardous preparations directive 1999/45/EC modified (Directive 2001/60/EC).  
This product fulfills the requirements of the European directives :  
76/769/EEC  
2000/53/EC  
2002/95/EC  
2002/96/EC  
2003/11/EC

Social Security code : - Art. L 461-6, Art. D.461-1, annexe A, n° 601  
Table of occupational illnesses and diseases No. 36

#### INVENTORIES:

CANADA (DSL) : All components on DSL, NDSL

EUROPE (EINECS) : All components on EINECS inventory

PHILIPPINES (PICCS) : All components on PICCS

USA (TSCA) : All components listed in TSCA

AUSTRALIAN (AICS) : All components on AICS

KOREA (ECL) : All components on ECL

CHINA : All components on IECSC

### 16. OTHER INFORMATION

Explanations of R-phrases in section 2 : R-38 Irritating to skin.  
R-65 Harmful: may cause lung damage if swallowed.

Revision date: 2008-11-09

Supersedes the data sheet of: 2008-09-18

\* Information revised since the previous version of the SDS :

This safety data sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.