



# Safety data

in accordance with Regulation (EC) No. 1907/2006

Compliance with Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878



Newest Printing

01/07/2023

Revision date

01/06/2023

## NUTROL

### 1-IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 - Product identifier

Product Name

**NUTROL**

#### 1.2 - Relevant identified uses of the substance or mixture and uses advised against

Description of use: LUBRICATING GREASE - PC24

Life cycle stage

PW: Extensive use by professional workers

IS: Use on industrial sites C: Use by consumers

#### 1.3 - Information concerning the supplier of the safety data sheet



**BELLEVILLE GREASE- 12 rue Jean Mermoz - 02390 MONT D'ORIGNY TEL: 03**

**23 09 30 20 - FAX: 03 23 09 75 48 - www.graisse.fr - email: info@graisse.fr**

SARL with a SHARE CAPITAL OF €40,000 - RCS SAINT-QUENTIN B399 093 855 - INTRA-COMMUNITY VAT FR04 399093855

#### 1.4 - Emergency call number

**+ 33 1 49 00 00 49 (24/7) - ORFILA (INRS) Tel: +33 (0)1 45 42 59 59**

**Lille Poison Control Center: +33 (0)3 20 44 44 44**

Emergency telephone number - Paragraph 45 - (EC) 1272/2008

### 2 - IDENTIFICATION OF HAZARDS

#### 2.1 Classification of the substance or

**mixture** Product definition: Blend

**Classification according to Regulation (EC) No. 1272/2008 [CLP/**

**GHS]** Aquatic Chronic 3, H412

This product is classified as dangerous according to Regulation (EC) No. 1272/2008 and its amendments.

Components of unknown toxicity: 5.8% of the mixture consists of component(s) of unknown acute dermal toxicity, 9.8% of the mixture consists of component(s) of unknown acute inhalation toxicity

See Section 16 for the full text of the H statements declared above.

For more details on health consequences and symptoms, see section 11.

#### 2.2 Label elements

Signal word: No signal word.

Hazard statements: H412 - Harmful to aquatic life with long lasting effects. Precautionary advice

Prevention: P273 - Avoid release to the environment.

Intervention: Not applicable.

Storage: Not applicable.

Disposal: P501 - Dispose of contents and container in accordance with all local, regional, national, and international regulations.

Supplemental label elements: Not applicable.

Annex XVII - Restrictions applicable to the manufacture, placing on the market and use of certain dangerous substances and preparations and certain dangerous articles:

Not applicable.

#### 2.3 Other hazards

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substance

not applicable

Product/component name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Concentration specific limits, M and ETA factors	Kind
2,6-di-tert-butyl-p-cresol	REACH#: 01-2119555270-46 EC: 204-881-4 CAS: 128-37-0	≤1	Aquatic Acute 1, H400 (M=1) AquaticChronic 1, H410 (M=1)	M [high] = 1 M [chronic] = 1	[1] [2]
methanol	EC: 200-659-6 CAS: 67-56-1 Index: 603-001-00-X	<0.1	Flame. Liq. 2, H225 Acute Tox. 3, H301 Acute Tox. 3, H311	ATE [oral] = 100 mg/kg ATE [dermal] =	[1] [2]



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Program Listed H1  
NSF registration N°151639

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AcuteTox. 3, H331  
STOT SE 1, H370  
**See section 16 for full  
text of H statements**

**declared above.**

300mg/kg  
ATE [inhalation  
(vapours)] = 3 mg/l  
STOT SE 1, H370: C  
≥ 10%  
STOT SE 2, H371:  
3% ≤ C < 10%

## COMPOSITION COMMENTS

**Other information :**Mineral oil of petroleum origin. Product based on mineral oils whose DMSO extract is less than 3%, according to the IP 346 method.  
In the current state of knowledge of the supplier and in the concentrations of application, no other ingredient present is classified as dangerous for health or the environment, neither as PTB or vPvB, nor as substance of equivalent degree of concern, nor subject to an occupational exposure limit and therefore would need to be included in this section.

### Kind

Substance classified as a health or environmental hazard  
Substance with a workplace exposure limit  
Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII  
Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII  
Substance of Equivalent Level of Concern  
Additional disclosure under company policy

## 4 - FIRST AID

### 4.1 Description of first aid

**Eye contact:**Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check if the victim is wearing contact lenses and if so, remove them. Continue to rinse for at least 10 minutes. See a doctor.

**Inhale:**Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, irregular breathing or respiratory arrest, have qualified personnel perform artificial respiration or administer oxygen. It can be dangerous for the person assisting a victim to perform mouth-to-mouth resuscitation. Call a physician if adverse health effects persist or worsen. In case of fainting, place the person in a recovery position and call a doctor immediately. Ensure good air circulation. Loosen anything that might be tight, such as a collar, tie, belt, or belt.

**Skin contact:**Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothes and shoes. Seek medical attention if symptoms develop. Wash clothing before reuse. Wash shoes thoroughly before putting them back on.

**Ingestion:**Rinse mouth with water. Remove dentures if present.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person has swallowed this product and is conscious, give small amounts of water to drink. If the person is indisposed, stop giving them to drink as vomiting could pose an additional risk. Do not induce vomiting unless instructed by medical personnel. If vomiting occurs, hold head down to prevent vomit from entering lungs. Call a physician if adverse health effects persist or worsen. Never give anything by mouth to an unconscious person. In case of fainting, place the person in a recovery position and call a doctor immediately. make sure

good air circulation. Loosen anything that might be tight, such as a collar, tie, belt, or belt.

**Protection of rescuers:**No action shall be taken involving any personal risk or without suitable training. It can be dangerous for the person assisting a victim to perform mouth-to-mouth resuscitation.

### 4.2 Most important symptoms and effects, both acute and delayed Overexposure signs/symptoms

**Eye contact :**No specific data. **Inhalation**

:No specific data.

**Skin contact** :Adverse symptoms may include the following: irritation dryness cracking

**Ingestion** :No specific data.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Note to attending physician:**Symptomatic treatment required. Immediately contact a specialist for the treatment of poisoning, if large quantities have been

## 5 - FIRE FIGHTING MEASURES



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## 5.1 Extinguishing media

**Suitable extinguishing media:** Use dry chemical powder, CO<sub>2</sub>, water spray or foam. **Unsuitable**

**extinguishing media:** Do not use a water jet.

## 5.2. Special hazards arising from the substance or mixture

**Hazards from the substance or mixture:** This product is harmful to aquatic organisms with long term adverse effects. Water from the fire extinguishing system which has been contaminated by this product must be kept in a closed environment and must not be discharged into the aquatic environment or any sewer or drain.

**Hazardous Combustion Products:** Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides

## 5.3. Advice for firefighters

**Special protective measures for firefighters:** In the presence of fire, quickly circumscribe the site by evacuating anyone near the scene of the accident. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters:** Firefighters should wear appropriate protective equipment and self-contained breathing apparatus with a full-facepiece operating in positive pressure mode. Clothing for firefighters (including helmets, boots

## 6 - MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL DISPERSION

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-rescuers:** No action shall be taken involving any personal risk or without suitable training. Evacuate the surrounding area. Prevent access to persons not required and not wearing protective clothing. Do not touch or walk through spilled material. Ensure adequate ventilation. Wear appropriate respiratory protection when ventilation is inadequate. Wear appropriate personal protective equipment.

#### For rescuers:

If specific clothing is needed to handle the spill, see Section 8 for suitable and unsuitable materials. See also the information in 'For non-emergency personnel'.

**6.2 Environmental precautions:** Avoid dispersal of spilled material, runoff and contact with soil, waterways, sewers and drains. Inform the competent authorities in case of environmental pollution (sewers, roads of water, soil and air) by the product. Substance liable to pollute water. May be harmful to the environment if spilled in large quantities.

### 6.3. Methods and material for containment and cleaning up

**Small accidental spill:** Move containers from spill area. Vacuum or pick up the spilled product with a broom and place it in a duly labeled waste container. Disposal by an authorized waste collection company.

**Large accidental spill:** Move containers from spill area. Approach fumes from the same direction as the wind. Block possible entry into sewers, waterways, basements or confined areas. Vacuum or pick up the spilled product with a broom and place it in a duly labeled waste container. Disposal by an authorized waste collection company.

**6.4. Reference to other headings:** See Section 1 for emergency contact information. See section 8 for information on personal protective equipment

## 7 - HANDLING AND STORAGE

**7.1 Precautions for safe handling Protective measures:** Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin and clothing. Avoid release into the environment. Keep in original container or other approved substitute container made from compatible material and kept tightly closed when not in use. Empty containers retain product residue and may present a hazard. Do not reuse this container.

**Advice on general occupational hygiene:** It is prohibited to eat, drink or smoke in areas where this product is handled, stored or used. Staff are advised to wash their hands and face before eating, drinking or smoking. Remove contaminated clothing and protective equipment before entering a food service area. See also section 8 for more information on hygiene measures.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container out of direct sunlight in a dry, cool, well-ventilated area away from incompatible materials (see Section 10). Keep container tightly closed when not in use. Containers that have been opened should be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use an appropriate container to avoid any contamination of the surrounding environment. See Section 10 regarding incompatible materials before handling or use.

### 7.3 Specific end use(s)

## 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational Exposure Limits

#### Product/substance

2,6-di-tert-butyl-p-cresol

#### Exposure limit values

**Ministry of Labor (France, 10/2016). Notes: Ministry of Labor (Brochure INRS Ed 984, July 2012). indicative limit values**

TWA: 10 mg/m<sup>3</sup> 8 hours.



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methanol

**Ministry of Labor (France, 10/2016). Absorbed through the skin. Notes: Labor Code, Art.4412-149 (Binding regulatory limit values)**

VME: 200 ppm 8 hours. VME:  
260 mg/m<sup>3</sup> 8 hours. TLV: 1000  
ppm 15 minutes. TLV: 1300 mg/  
m<sup>3</sup> 15 minutes.

**Hazardous constituent(s) of UVCB substance(s) and/or multi-constituent fulfilling the classification criteria and/or with a threshold limit value (TLV)** No exposure limit value known.

**Recommended Monitoring Procedures:** If this product contains ingredients with exposure limits, continued examination of people, the workplace atmosphere, or living organisms may be necessary to determine the effectiveness of ventilation or other control measures or assess the need to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure to chemical agents for comparison with limit values and measurement strategy) European standard EN 14042 (Workplace atmospheres - Guidance for the application and use of procedures and devices for the

**Recommended exposure limit value:** Mineral Oil Mist: USA: OSHA (PEL) TWA 5 mg/m<sup>3</sup>, NIOSH (REL) TWA 5 mg/m<sup>3</sup>, STEL 10 mg/m<sup>3</sup>, ACGIH (TLV) TWA 5 mg/m<sup>3</sup> (highly refined)

Produit/substance	Type	Exposition	Valeur	Population	Effets
2,6-di-tert-butyl-p-crésol	DNEL	Long terme Voie cutanée	0.25 mg/kg bw/jour	Population générale	Systémique
	DNEL	Long terme Voie cutanée	0.5 mg/kg bw/jour	Opérateurs	Systémique
	DNEL	Long terme Inhalation	0.435 mg/m <sup>3</sup>	Population générale	Systémique
	DNEL	Long terme Voie orale	0.25 mg/kg	Population générale	Systémique
	DNEL	Long terme Voie orale	0.25 mg/kg bw/jour	Population générale	Systémique
	DNEL	Long terme Inhalation	0.435 mg/m <sup>3</sup>	Population générale	Systémique
	DNEL	Long terme Inhalation	1.76 mg/m <sup>3</sup>	Opérateurs	Systémique
	DNEL	Court terme Voie	4 mg/kg	Population	Systémique
méthanol	DNEL	orale	bw/jour	générale	
	DNEL	Long terme Voie orale	4 mg/kg bw/jour	Population générale	Systémique
	DNEL	Court terme Voie cutanée	4 mg/kg bw/jour	Population générale	Systémique
	DNEL	Long terme Voie cutanée	4 mg/kg bw/jour	Population générale	Systémique
	DNEL	Court terme Voie cutanée	20 mg/kg bw/jour	Opérateurs	Systémique
	DNEL	Long terme Voie cutanée	20 mg/kg bw/jour	Opérateurs	Systémique
	DNEL	Court terme Inhalation	mg/kg bw/jour 26 mg/m <sup>3</sup>	Opérateurs	Local
	DNEL	Long terme Inhalation	26 mg/m <sup>3</sup>	Population générale	Local
	DNEL	Court terme Inhalation	26 mg/m <sup>3</sup>	Population générale	Systémique
	DNEL	Long terme Inhalation	26 mg/m <sup>3</sup>	Population générale	Systémique
	DNEL	Court terme Inhalation	130 mg/m <sup>3</sup>	Opérateurs	Local
	DNEL	Long terme Inhalation	130 mg/m <sup>3</sup>	Opérateurs	Local
	DNEL	Court terme Inhalation	130 mg/m <sup>3</sup>	Opérateurs	Systémique
	DNEL	Long terme Inhalation	130 mg/m <sup>3</sup>	Opérateurs	Systémique
	DNEL	Court terme Inhalation	130 mg/m <sup>3</sup>	Opérateurs	Systémique
	DNEL	Long terme Inhalation	130 mg/m <sup>3</sup>	Opérateurs	Systémique

PNECs

Nom du produit/composant	Description du milieu	Nom	Description de la Méthode
dioxyde de titane	Eau douce	0.127 mg/l	-
	Eau de mer	1 mg/l	-
	Sédiment d'eau douce	1000 mg/kg dwt	-
	Sédiment d'eau de mer	100 mg/kg dwt	-
	Sol	100 mg/kg dwt	-
	Usine de Traitement d'Eaux Usées	100 mg/l	-
	Usine de Traitement d'Eaux Usées	100 mg/l	-
2,6-di-tert-butyl-p-crésol	Eau douce	199 ng/l	-
	Eau de mer	19.9 ng/l	-
	Sédiment d'eau douce	45819 µg/kg dwt	-
	Sol	53.9 µg/kg dwt	-
	Usine de Traitement d'Eaux Usées	17 µg/l	-
	Sédiment d'eau de mer	45.82 µg/kg dwt	-
	Empoisonnement Secondaire	16.67 mg/kg	-
	Empoisonnement Secondaire	16.67 mg/kg	-
	Empoisonnement Secondaire	16.67 mg/kg	-



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## 8.2 Exposure controls

**Appropriate technical controls:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants. **Individual protection measures**

**Hygiene measures:** Wash hands, forearms and face thoroughly after handling chemicals, before eating, smoking and using the toilet and at the end of the workday. It is recommended that proper techniques be used to remove potentially contaminated clothing. Wash contaminated clothing before reuse. Ensure that eyewash stations and safety showers are close to the location of workstations.

**Eye/face protection:** Use eye protection conforming to an approved standard whenever a risk assessment indicates that it is necessary to avoid exposure to liquid splashes, fine spray particles, gases or dusts. If contact is possible, wear the following protection unless the evaluation indicates a higher degree of protection: safety glasses with side shields.

**Skin protection Hand protection:** Impermeable and chemical resistant gloves conforming to an approved standard are mandatory at all times when handling chemicals if a risk assessment recommends it. Taking into account the parameters indicated by the glove manufacturer, check during use that the gloves retain their protective properties. It is noted that the breakdown time of the gloves may differ from one manufacturer to another. In the case of mixtures made up of several substances, it is impossible to estimate precisely the break-through time of the gloves. Hydrocarbon resistant gloves nitrile rubber Fluoro rubber Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.

During prolonged contact with the product, it is recommended to wear gloves complying with standards EN 420 and EN 374, with a protection time of 480 minutes and a thickness of at least 0.38 mm. These values are given as an indication. The level of protection is ensured by the material of the glove, its technical characteristics, its resistance to the chemicals used, the conformity of its use and its frequency of replacement.

**Body protection:** The personal protective equipment for the body must be chosen according to the task to be carried out as well as the risks involved, and it is recommended to have it validated by a specialist before proceeding with the handling of the product.

**Other skin protection:** Appropriate footwear and any body protection measures should be determined based on the operation being performed and the risks involved, and should be approved by a specialist prior to handling this product.

**Respiratory protection:** Depending on the hazard and risk of exposure, choose a respirator that meets the appropriate standards or certification. Respirators should be used in accordance with the respiratory protection program to ensure proper fitment, training, and other important aspects of use. Respirator fitted with a Type A/P1 combined vapour/particle cartridge Caution! Filters have a limited lifespan The use of breathing apparatus must strictly comply with the manufacturer's instructions and the regulations governing their choice and use.

**Environmental exposure controls:** It is important to test emissions from ventilation systems or process equipment to ensure that they comply with the requirements of environmental protection legislation. In some cases it will be

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

Measurement conditions for all properties are at standard temperature (20°C / 68°F) and pressure (1013 hPa) unless otherwise specified

### 9.1. Information on basic physical and chemical properties

Physical State: Solid

Appearance: Pasty.

Beige

Smell: characteristic.

Odor threshold: No data available

pH: No data available - Product not soluble in water

Melting point/freezing point: >250°C

Initial boiling point and boiling range: not applicable

Flash point: Open cup: Not applicable.

Evaporation rate: not available

Flammability: yes

Lower and upper explosion limits: not available

Vapor pressure: not available

Vapor density: not available

Relative density: 0.93

Density: 0.93 g/cm<sup>3</sup> [15°C]

Solubility(ies) water: insoluble

Miscible with water: no

Partition coefficient: noctanol/water: >3.5

Autoignition temperature: not applicable

Decomposition temperature: >250°C

Viscosity: Kinematic (40°C): Not applicable

Particle characteristics

Average particle size: Not available.

## 10 - STABILITY AND REACTIVITY



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## 10.1. Reactivity

Steady.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

None under normal processing conditions.

## 10.4. Conditions to

Avoid Heat

## 10.5. Incompatible materials

Strong oxidizing agents.

## 10.6. Hazardous decomposition

products carbon monoxide

carbon dioxide

## 11 - TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### acute toxicity

Produit/substance	Résultat	Espèces	Dosage	Exposition	Test
2,6-di-tert-butyl-p-crésol	DL50 Voie cutanée	Rat - Mâle, Femelle	>2000 mg/kg	-	OECD 402
	DL50 Voie orale	Rat - Mâle, Femelle	>6000 mg/kg	-	OECD 401
méthanol	CL50 Inhalation Gaz.	Rat	145000 ppm	1 heures	-
	CL50 Inhalation Gaz.	Rat	64000 ppm	4 heures	-
	CL50 Inhalation Vapeurs	Rat	3 mg/l	4 heures	-
	DL50 Voie cutanée	Lapin	300 mg/kg	-	-
	DL50 Voie orale	Rat	100 mg/kg	-	-

**Conclusion/Summary:**Based on available data, the classification criteria are not met. **Acute toxicity estimates**

Produit/substance	Voie orale (mg/kg)	Voie cutanée (mg/kg)	Inhalation (gaz) (ppm)	Inhalation (vapeurs) (mg/l)	Inhalation (poussières et brouillards) (mg/l)
méthanol	100	300	64000	3	N/A

#### Irritation/Corrosion

Produit/substance	Résultat	Espèces	Potentiel	Exposition	Test
2,6-di-tert-butyl-p-crésol	Peau - Faiblement irritant	Humain	-	48 heures 500 mg	-
	Peau - Œdème	Lapin	0	4 heures	OECD 404
	Yeux - Opacité de la cornée	Lapin	0	-	OECD 405 Read across

#### Conclusion/Summary

**Skin** :Based on available data, the classification criteria are not met. **Eyes** :Based on available data, the classification criteria are not met.



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## Sensitization

**Product/substance:** 2,6-di-tert-butyl-p-cresol

**Route of exposure:** skin **Species:** human

**Result:** non-sensitizing

### **Conclusion/Summary:**

**Skin** :Based on available data, the classification criteria are not met. **Respiratory**:Based on available data, the classification criteria are not met. **Mutagenicity**

**Conclusion/Summary**:Based on available data, the classification criteria are not met.

### **Carcinogenicity**

**Conclusion/Summary**:Based on available data, the classification criteria are not met.

### **Reproductive toxicity**

**Conclusion/Summary**:Based on available data, the classification criteria are not met.

### **Teratogenicity**

**Conclusion/Summary**:Based on available data, the classification criteria are not met. **Specific target organ toxicity — single exposure** Not available.

**Specific target organ toxicity - repeated exposure** Not available.

### **Potential acute health effects**

**Eye contact** :No known significant effects or critical hazards. **Inhale**:

No known significant effects or critical hazards.

**Skin contact**:Degreases the skin. May eventually cause skin dryness and irritation. **Ingestion**:No known significant effects or critical hazards.

### **Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact**:No specific data. **Inhale**:No specific data.

**Skin contact**:Adverse symptoms may include the following: irritation dryness cracking **Ingestion**:No specific data.

### **Delayed and immediate effects, as well as chronic effects from short and long-term exposure Short-term exposure**

**Potential immediate effects**:Not available. **Potential delayed effects**:Not available.

### **Prolonged exposure**

**Immediate potential effects**:Not

available. **Potential delayed effects**:Not

available. **Potential Chronic Health Effects**

Not available.

**Conclusion/Summary**:Not available.

**General**:Prolonged or repeated contact may defat the skin and lead to irritation, cracking and/or dermatitis.

**Carcinogenicity**:No known significant effects or critical hazards.

**Mutagenicity** :No known significant effects or critical hazards.

**Teratogenicity**:No known significant effects or critical hazards.

## 12 - ECOLOGICAL INFORMATION

### 12.1. Toxicity





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Produit/substance	Résultat	Espèces	Exposition	Test
2,6-di-tert-butyl-p-crésol           méthanol	Aiguë CE50 0.48 mg/l	Crustacés - Daphnia magna	48 heures	OECD 202
	Aiguë CL50 1.1 mg/l	Poisson - Oryzias latipes	96 heures	OECD 203
	Chronique CE10 0.4 mg/l	Algues - Desmodesmus subspicatus	72 heures	OECD 201
	Chronique NOEC 0.07 mg/l	Daphnie - Daphnia magna	21 jours	OECD 211
	Chronique NOEC 0.053 mg/l	Poisson - Danio rerio	30 jours	OECD 210
	Aiguë CE50 16.912 mg/l Eau de mer	Algues - Ulva pertusa	96 heures	-
	Aiguë CL50 2500000 µg/l Eau de mer	Crustacés - Crangon crangon - Adulte	48 heures	-
	Aiguë CL50 3289 mg/l Eau douce	Daphnie - Daphnia magna - Nouveau-né	48 heures	-
	Aiguë CL50 290 mg/l Eau douce	Poisson - Danio rerio - Œuf	96 heures	-
	Chronique NOEC 9.96 mg/l Eau de mer	Algues - Ulva pertusa	96 heures	-

## 12.2. Persistence and degradability

Produit/substance	Test	Résultat	Dosage	Inoculum
2,6-di-tert-butyl-p-crésol	OECD 301C	4.5 % - Non facilement - 28 jours	-	Boues activées

Conclusion/Summary: Not available.

Produit/substance	Demi-vie aquatique	Photolyse	Biodégradabilité
2,6-di-tert-butyl-p-crésol	-	-	Non facilement

## 12.3. b potential

Produit/substance	LogK <sub>ow</sub>	FBC	Potentiel
2,6-di-tert-butyl-p-crésol	5.1	1277	élevée
méthanol	-0.77	<10	faible

## 12.4. Mobility in soil

Soil/water partition coefficient (KOC): not available

Mobility: not available

Mobility in soil: Considering its physico-chemical characteristics, the product is not mobile in soil. The product is insoluble and floats on water. There are few losses by evaporation

## 12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances assessed as a PBT or a vPvB.

## 12.6 Endocrine disrupting properties

This product does not contain any substance present at a concentration equal to or greater than 0.1% by mass, included in the list drawn up in accordance with article 59, paragraph 1 of the REACH Regulation, due to its endocrine disrupting properties, or a substance known to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation 2018/605.

## 12.7 Other Adverse Effects

## 13 - DISPOSAL CONSIDERATIONS





# Safety data

in accordance with Regulation (EC) No. 1907/2006

Compliance with Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878



Nonfood Compounds  
Program Listed H1  
NSF registration N°151639

# NUTROL

Newest Printing

01/07/2023

Revision date

01/06/2023

## 13.1. Waste treatment methods

### PRODUCT

#### Waste disposal method

It is recommended to avoid or reduce as much as possible the production of waste. Disposal of this product, solutions and by-products should at all times comply with legal requirements for environmental protection and waste disposal and the requirements of any local authorities. Disposal of surplus and non-recyclable products by an authorized waste collection company. Do not discharge untreated waste into sewers, unless in accordance with the requirements of all authorities having jurisdiction.

#### Hazardous waste : YES

According to the European Waste Code (EWC) the waste code is not related to the product itself but to its application. Waste code to be assigned by user, depending on product application The following waste codes are suggestions only: 12 01 12\*

### PACKAGING

#### Waste disposal method

It is recommended to avoid or reduce as much as possible the production of waste. Recycle packaging waste. Consider incineration or landfill only if recycling is not possible.

#### Special precautions:

Only dispose of this product and its container by taking all precautions. Handle uncleaned and unrinsed empty containers with care. Empty containers or inner liners may retain product remnants. Avoid dispersal of spilled materials, as well as their runoff and

## 14 - TRANSPORT INFORMATION

In accordance with the requirements of ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

### 14.2. UN Proper Shipping Name

ADR/RID	DNA	IMDG	ICAO/IATA
Not regulated.	9005	Not regulated.	Not regulated.
	MATTER DANGEROUS OF VIEWPOINT OF THE ENVIRONMENT, SOLID, NOS, FONDUE (2.6-di- tert-butyl- p-cresol)		

Transport document description

### 14.3. Transport hazard class(es)

9

Pictograms

### 14.4. Packing group

### 14.5. Environmental hazards

YES

Other information

ADN: The product is only regulated as dangerous goods when transported by tanker.

### 14.6. Special precautions for user

Transport with local users: always transport in packaging that is correct and secure. Ensure that persons transporting the product know the measures to be taken in the event of an accident or spillage.

### 14.7. Bulk transport in accordance with Annex II of MARPOL 73/78 and the IBC Code

## 15 - REGULATORY INFORMATION



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## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC)

No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV

None of the components are listed.

### Substances of Very High Concern

None of the components are listed.

Annex XVII - Restrictions applicable to the manufacture, placing on the market and use of certain dangerous substances and preparations and certain dangerous articles: Not applicable

### Other EU Regulations

#### Other EU Regulations

Industrial emissions (integrated pollution prevention and control) - Air: Not listed

Industrial emissions (integrated pollution prevention and control) - Water: Not listed

Substances that deplete the ozone layer (1005/2009/EU) Not enrolled.

Prior Informed Consent (PIC) (649/2012/EU) Not enrolled.

### **Seveso Directive**

### **National regulations**

**Social Security Code, Art. L 461-1 to L 461-7:** methanol

RG 84

**Europe** : All components are listed or excluded.

**Reinforced medical surveillance:** Order of July 11, 1977 setting the list of work requiring enhanced medical surveillance: not concerned Art R.4624-18 to R.4624-19 of the labor code relating to enhanced medical surveillance.

### **International Regulations**

List of chemicals in Schedules I, II and III of the Chemical Weapons Convention: Not listed Montreal

Protocol (Annex A, B, C, E): Not listed.

Stockholm Convention on Persistent Organic Pollutants: Not listed.

Rotterdam Convention on the Prior Informed Consent (PIC) procedure: Not listed UNECE Aarhus Protocol on POPs and Heavy Metals: Not listed.

### **Inventory list**

Australia: Undetermined.

Canada: Undetermined.

China: All components are listed or exempted.

Europe: All components are listed or exempted.

Japan: Japan inventory (ENCS): Not determined. Japan inventory (ISHL): Not determined.

New Zealand: All components are listed or exempted.

Philippines: Undetermined.

Republic of Korea: Not determined.

Taiwan: All components are listed or exempted.

Thailand: Undetermined.

## 15.2 Chemical Safety Assessment

This product contains substances that still require a chemical risk assessment

## 16 - OTHER INFORMATION



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Indicates what information has changed from the previous version.

## Value

ATE = Acute Toxicity Estimate

CLP = Regulation 1272/2008/EC on classification, labeling and packaging of substances and mixtures

DMEL = Derived Minimum Effect Level

DNEL = Derived No Effect Level

EUH statement = CLP specific hazard statement N/

A = Not available

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

## Procedure used to determine classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification: Aquatic Chronic 3, H412 Justification: Calculation method

## Full text of abbreviated H statements

H225 Highly flammable liquid and

vapour. H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic by inhalation.

H370 Causes damage to organs. H400 Very toxic  
to aquatic organisms.

H410 Very toxic to aquatic life with long lasting effects.

## Full text of classifications [CLP/GHS]

AcuteTox. 3, H301 ACUTE TOXICITY (oral) - Category 3 Acute

Tox. 3, H311 ACUTE TOXICITY (dermal) - Category 3 Acute Tox.

3, H331 ACUTE TOXICITY (inhalation) - Category 3

Aquatic Acute 1, H400 SHORT TERM (ACUTE) TOXICITY FOR THE AQUATIC ENVIRONMENT - Category 1

Aquatic Chronic 1, H410 LONG TERM (CHRONIC) TOXICITY FOR THE AQUATIC ENVIRONMENT - Category 1

Aquatic Chronic 3, H412 LONG TERM (CHRONIC) TOXICITY FOR THE AQUATIC ENVIRONMENT - Category 3

Fam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2

## Full text of classifications [CLP/GHS]

AcuteTox. 3, H301 ACUTE TOXICITY (oral) - Category 3 Acute

Tox. 3, H311 ACUTE TOXICITY (dermal) - Category 3 Acute Tox.

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Aquatic Chronic 3, H412 LONG TERM (CHRONIC) TOXICITY FOR THE AQUATIC ENVIRONMENT - Category 3

Fam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2

To the best of our knowledge, the information contained herein is accurate. However, neither the supplier mentioned above nor any of its subcontractors can assume any responsibility whatsoever with regard to the accuracy or completeness of the information contained in this document. It is solely up to the user to determine the appropriation of the substances or preparations. All substances or preparations may present unknown hazards and should be used with caution. Although certain hazards are described in this document, we cannot guarantee that there are no others.

## Revision date

01/06/2023

Previous revision date

03/10/2021

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End of Safety Data Sheet