

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### DINITROL 700 Black

Print date: 19.10.2015

Product code: 90216s

Page 1 of 8

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

DINITROL 700 Black

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

###### Use of the substance/mixture

Adhesives, sealants

##### 1.3. Details of the supplier of the safety data sheet

Company name: DINOL GmbH  
 Street: Pyrmonter Strasse 76  
 Place: D-32676 Luegde  
 Telephone: +49 (0) 5281 9829 80      Telefax: +49 (0) 5281 9829 860  
 Responsible Department: msds@dinol.com

##### 1.4. Emergency telephone number:

Giftnotruf Berlin: +49 30 30686 790 (Consultation in German and English)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

##### 2.2. Label elements

###### Regulation (EC) No. 1272/2008

###### Special labelling of certain mixtures

EUH210      Safety data sheet available on request.

##### 2.3. Other hazards

No information available.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Chemical characterization

Mixture of various substances

###### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
90622-57-4	Hydrocarbons, C11-C12, isoalkanes, <2% aromatics			< 10 %
	918-167-1		01-2119472146-39	
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 4; H226 H304 H413			
	Amide wax (Reaction mass of N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide) and Octadecanamide, 12-hydroxy-N-[2-[(1-oxodecyl)amino]ethyl]- and Decanamide, N,N'-1,2-ethanediyibis-)			< 2,5 %
	907-495-0		01-2119545465-35	
	Aquatic Chronic 3; H412			

Full text of H and EUH statements: see section 16.

##### Further Information

This mixture contains the following substances of very high concern (SVHC) which are included in the

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### DINITROL 700 Black

Print date: 19.10.2015

Product code: 90216s

Page 2 of 8

Candidate List according to Article 59 of REACH: none

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### **After inhalation**

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

###### **After contact with skin**

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleansing agent and water.

###### **After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

###### **After ingestion**

Do NOT induce vomiting. Call a physician immediately.

##### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

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

No information available.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### **Suitable extinguishing media**

Water spray jet  
alcohol resistant foam  
Extinguishing powder  
Carbon dioxide (CO<sub>2</sub>)

###### **Unsuitable extinguishing media**

Full water jet

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

In case of fire may be liberated: Hazardous combustion products

##### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

#### SECTION 6: Accidental release measures

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

Provide adequate ventilation.  
Keep away from sources of ignition. - No smoking.  
Wear breathing apparatus if exposed to vapours/dusts/aerosols.

##### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

Take up mechanically.

##### 6.4. Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

#### SECTION 7: Handling and storage

according to Regulation (EC) No 1907/2006

**DINITROL 700 Black**

Print date: 19.10.2015

Product code: 90216s

Page 3 of 8

**7.1. Precautions for safe handling**

**Advice on safe handling**

Provide adequate ventilation. Provide adequate ventilation as well as local exhaust at critical locations.

**Advice on protection against fire and explosion**

Keep away from sources of ignition. - No smoking. Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges.

Vapours can form explosive mixtures with air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Do not allow to enter into soil/subsoil.

**Advice on storage compatibility**

Store away from foodstuffs.

**Further information on storage conditions**

Keep container tightly closed in a cool, well-ventilated place.

Keep container dry.

**7.3. Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1317-65-3	Calcium carbonate, respirable	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
28553-12-0	Diisononyl phthalate	-	5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

**8.2. Exposure controls**

**Appropriate engineering controls**

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**Protective and hygiene measures**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from food, drink and animal feedingstuffs.

Wash hands before breaks and after work.

**Eye/face protection**

Eye glasses with side protection (DIN EN 166)

**Hand protection**

Tested protective gloves must be worn (DIN EN 374): NBR (Nitrile rubber) (0,8 mm), <= 240 min.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

**Respiratory protection**

Work in well-ventilated zones or use proper respiratory protection.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DINITROL 700 Black**

Print date: 19.10.2015

Product code: 90216s

Page 4 of 8

gas filtering equipment (EN 141), Filter material/medium: A2

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	Paste
Colour:	black
Odour:	characteristic

**Test method**

pH-Value: not determined

**Changes in the physical state**

Melting point: not determined

Initial boiling point and boiling range: not applicable

Flash point: not applicable

**Flammability**

Solid: not applicable

Gas: not applicable

**Explosive properties**

not determined

Lower explosion limits: 0,4 vol. %

Upper explosion limits: 7,0 vol. %

Ignition temperature: &lt; 200 °C

Decomposition temperature: not determined

**Oxidizing properties**

not determined

Vapour pressure: < 10 hPa  
(at 20 °C)

Vapour pressure: not determined

Density (at 20 °C): 1,45 g/cm<sup>3</sup>

Water solubility: insoluble

**Solubility in other solvents**

not determined

Partition coefficient: not determined

Viscosity / kinematic: not determined

Vapour density: not determined

Evaporation rate: not determined

Solvent separation test: not determined

Solvent content: 9,00 %

**9.2. Other information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### DINITROL 700 Black

Print date: 19.10.2015

Product code: 90216s

Page 5 of 8

The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

Reacts with :  
 Acid  
 Oxidising agent, strong

#### 10.4. Conditions to avoid

Protect from moisture.

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

In case of fire may be liberated:  
 Nitrogen oxides (NO<sub>x</sub>)  
 Sulphur oxides  
 After contact with water: Formation of: Methanol

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
90622-57-4	Hydrocarbons, C11-C12, isoalkanes, <2% aromatics				
	oral	LD50	>5000 mg/kg	Rat	ECHA
	dermal	LD50	>2000 mg/kg	Rabbit	ECHA
	inhalative vapour	LC50	>20 mg/l	Rat	ECHA
	Amide wax (Reaction mass of N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide) and Octadecanamide, 12-hydroxy-N-[2-[(1-oxodecyl)amino]ethyl]- and Decanamide, N,N'-1,2-ethanediylbis-)				
	oral	LD50	>2000 mg/kg	Rat	
	dermal	LD50	>2000 mg/kg	Rat	
	inhalative (4 h) aerosol	LC50	5,1 mg/l	Rat	

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.  
 Frequently or prolonged contact with skin may cause dermal irritation.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DINITROL 700 Black**

Print date: 19.10.2015

Product code: 90216s

Page 6 of 8

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
	Amide wax (Reaction mass of N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide) and Octadecanamide, 12-hydroxy-N-[2-[(1-oxodecyl)amino]ethyl]- and Decanamide, N,N'-1,2-ethanediylbis-)					
	Acute fish toxicity	LC50	>100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50	43,2 mg/l	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50	94,9 mg/l	48 h	Daphnia magna (Big water flea)	
	Acute bacteria toxicity		(>1000 mg/l)	3 h		

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
	Amide wax (Reaction mass of N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide) and Octadecanamide, 12-hydroxy-N-[2-[(1-oxodecyl)amino]ethyl]- and Decanamide, N,N'-1,2-ethanediylbis-)	5,4

**12.4. Mobility in soil**

There are no data available on the mixture itself.

**12.5. Results of PBT and vPvB assessment**

not applicable

**12.6. Other adverse effects**

No information available.

**Further information**

There are no data available on the preparation/mixture itself.

Do not allow to enter into surface water or drains.

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**
**Advice on disposal**

Dispose of waste according to applicable legislation. Do not mix with other wastes.

List of proposed waste codes/waste designations in accordance with EWC:

**Waste disposal number of waste from residues/unused products**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances  
Classified as hazardous waste.

**Waste disposal number of used product**

080411 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); adhesive and sealant sludges containing organic solvents or other hazardous substances  
Classified as hazardous waste.

**Waste disposal number of contaminated packaging**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### DINITROL 700 Black

Print date: 19.10.2015

Product code: 90216s

Page 7 of 8

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances  
Classified as hazardous waste.

#### Contaminated packaging

Remove according to the regulations.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.  
 Marine pollutant: no

#### Air transport (ICAO)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No dangerous good in sense of this transport regulation.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### EU regulatory information

2004/42/EC (VOC): 9,0 % (130,5 g/l)  
 Subcategory according to Directive 2004/42/EC: Bodyfiller/stopper - All types, VOC limit value: 250 g/l

##### Additional information

Observe in addition any national regulations!  
 Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

##### National regulatory information

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.  
 Water contaminating class (D): 2 - water contaminating

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### DINITROL 700 Black

Print date: 19.10.2015

Product code: 90216s

Page 8 of 8

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

#### Relevant H and EUH statements (number and full text)

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

EUH210 Safety data sheet available on request.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*