

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

blackbolt® Metal Cleaner spray

**Product no.**

2170231

**REACH registration number**

Not applicable

**Other means of identification**

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

**Relevant identified uses of the substance or mixture**

NA

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

Pureno A/S (Tidl. Safe-Chem A/S)

Rønnevangs Allé 8

3400 Hillerød

Denmark

Tlf.: +45 70 260 267

**Contact person**

Kenneth Christensen

**E-mail**

[mail@pureno.dk](mailto:mail@pureno.dk)

**SDS date**

23-01-2014

**SDS Version**

2.0

### 1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

## SECTION 2: Hazards identification

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

Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2, STOT SE 3, Aerosol 1, Skin Irrit. 2 // H229, EUH066, H411, H336, H319, H315, H222

See full text of H/R-phrases in section 2.2.

### ▼ DPD/DSD Classification

Extremely flammable. (F+). Irritant. (Xi). Dangerous for the environment. (N).

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.(R51/53).

Vapours may cause drowsiness and dizziness.(R67). Repeated exposure may cause skin dryness or cracking.(R66). Irritating to skin.(R38). Extremely flammable.(R12).

### 2.2. Label elements

#### ▼ Hazard pictogram(s)



### Signal word

Danger!

### Hazard statement(s)

Extremely flammable aerosol. (H222)  
 Causes skin irritation. (H315)  
 Causes serious eye irritation. (H319)  
 May cause drowsiness or dizziness. (H336)  
 Toxic to aquatic life with long lasting effects. (H411)  
 Pressurised container: May burst if heated. (H229)

### Identity of the substances primarily responsible for the major health hazards

naphtha (råolie), hydrogenbehandlet let

<b>Safety statement(s)</b>	<b>General</b>	If medical advice is needed, have product container or label at hand. (P101) Keep out of reach of children. (P102)
	<b>Prevention</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
	<b>Response</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
	<b>Storage</b>	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. (P410+P412)
	<b>Disposal</b>	Dispose of contents/container to an approved waste disposal plant. (P501)

### 2.3. Other hazards

This product contains an organic solvent. Repeated exposure to organic solvents can result in damage to the nervous system and inner organs, such as the liver and kidneys.

### Additional labelling

Repeated exposure may cause skin dryness or cracking. (EUH066)

### Additional warnings

### VOC

-

## SECTION 3: Composition/information on ingredients

### 3.1/3.2. Substances

NAME:	naphtha (råolie), hydrogenbehandlet let
IDENTIFICATION NOS.:	CAS-no: 64742-49-0 EC-no: 265-151-9 Index-no: 649-328-00-1
CONTENT:	80-95%
DSD CLASSIFICATION:	F;R11 Xi;R38 N;R51/53 R67
CLP CLASSIFICATION:	Flam. Liq. 2, STOT SE 3, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 2 H225, H304, H315, H336, H411, EUH066
NAME:	acetone
IDENTIFICATION NOS.:	CAS-no: 67-64-1 EC-no: 200-662-2 Index-no: 606-001-00-8
CONTENT:	15-25%
DSD CLASSIFICATION:	F;R11 Xi;R36 R66 R67
CLP CLASSIFICATION:	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 H225, H319, H336
NOTE:	S
NAME:	carbondioxid
IDENTIFICATION NOS.:	CAS-no: 124-38-9 EC-no: 204-696-9
CONTENT:	5-15%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-

(\*) See full text of H/R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

S = Organic solvent

## Other informations

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### ▼ General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

##### ▼ Inhalation

Get the injured person into fresh air. Make sure there is always someone with the injured person. Prevent shock by keeping the injured person warm and calm. If the person stops breathing, give mouth-to-mouth resuscitation. If unconscious, roll the injured person onto side with the top leg bent at both knee and hip. Call an ambulance.

##### ▼ Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

##### ▼ Eye contact

Remove contact lenses. Flush eyes with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Contact a doctor at once.

##### Burns

Rinse with water until the pain stops and continue for 30 minutes.

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

Neurotoxic effect: This product contains organic solvents, which can have an effect on the nervous system. Symptoms of neurotoxicity can be: loss of appetite, headache, dizziness, whistling in the ears, tingling sensations in the skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer. The skin will then be more prone to absorb dangerous substances, e.g. allergens. Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

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

No special

##### Information to medics

Bring this safety data sheet.

### SECTION 5: Firefighting measures

#### ▼ 5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

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

If the product is exposed to high temperatures, as in the case of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in thick black smoke. Exposure to catabolic products can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

#### ▼ 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

### SECTION 6: Accidental release measures

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

Avoid inhalation of vapours from waste material. Stores that have not ignited must be cooled by water mist. Where possible, remove flammable materials. Make sure there is sufficient ventilation.

#### ▼ 6.2. Environmental precautions

Consider putting up waste collecting trays/basins to prevent leakage to the surroundings. Avoid discharge to lakes, streams, sewers, etc. In the event of a leakage to the surroundings, contact the local environmental authorities.

▼ **6.3. Methods and material for containment and cleaning up**

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

▼ **6.4. Reference to other sections**

See section on "Disposal" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

▼ **7.1. Precautions for safe handling**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquids are not allowed in the workrooms. Consider putting up waste collecting trays/basins to prevent leakage to the surroundings. See section on 'Exposure controls/personal protection' for information on personal protection.

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

Always store in containers of the same material as the original. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Must be stored in a cool and ventilated area, away from possible sources of combustion.

**Storage temperature**

NA

▼ **7.3. Specific end use(s)**

This product should only be used for applications described in Section 1.2

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

▼ **OEL**

No data available

▼ **DNEL / PNEC**

No data available.

**8.2. Exposure controls**

▼ No control is necessary if the product is used in a normal way.

**General recommendations**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

**Exposure scenarios**

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

▼ **Exposure limits**

There are no maximum exposure limits for the substances contained in this product.

▼ **Appropriate technical measures**

Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

▼ **Hygiene measures**

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

▼ **Measures to avoid environmental exposure**

No specific requirements.

**Individual protection measures, such as personal protective equipment**



▼ **Generally**

Only CE-marked personal protection equipment should be used.

▼ **Respiratory Equipment**

According to EC-Regulation 1907/2006 (REACH)

Recommended: A, Class 1 (low capacity), Brown

▼ **Skin protection**

Special work clothing should be used.

▼ **Hand protection**

Recommended: Nitrile rubber. . : NA

**Eye protection**

Use face shield. Use safety glasses with a side shield as an alternative.

**SECTION 9: Physical and chemical properties**

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

Form	Colour	Odour	pH	Viscosity	Density (g/cm <sup>3</sup> )
Aerosol	Clear	Aromatic	-	-	-

▼ **Phase changes**

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	1	-

**Data on fire and explosion hazards**

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-5	-	-
Explosion limits (Vol %)	Oxidizing properties	
-	-	

**Solubility**

Solubility in water	n-octanol/water coefficient
Insoluble	-

**9.2. Other information**

Solubility in fat	Additional information
-	N/A

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available

**10.2. Chemical stability**

The product is stable under the conditions, noted in the section on "Handling and storage".

**10.3. Possibility of hazardous reactions**

No special

**10.4. Conditions to avoid**

Avoid static electricity.

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidising agents, and strong catabolic agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**

Substance	Species	Test	Route of exposure	Result
No data available.				

▼ **Skin corrosion/irritation**

Causes skin irritation.

▼ **Serious eye damage/irritation**

Causes serious eye irritation.

▼ **Respiratory or skin sensitisation**

No data available.

▼ **Germ cell mutagenicity**

No data available.

▼ **Carcinogenicity**

No data available.

According to EC-Regulation 1907/2006 (REACH)

▼ **Reproductive toxicity**

No data available.

▼ **STOT-single exposure**

May cause drowsiness or dizziness.

▼ **STOT-repeated exposure**

No data available.

▼ **Aspiration hazard**

No data available.

**Long term effects**

Neurotoxic effect: This product contains organic solvents, which can have an effect on the nervous system. Symptoms of neurotoxicity can be: loss of appetite, headache, dizziness, whistling in the ears, tingling sensations in the skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer. The skin will then be more prone to absorb dangerous substances, e.g. allergens.

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	Species	Test	Test duration	Result
acetone	Daphnia	EC50	48t	10mg/l
acetone	Fish	LC50	96t	8300mg/l

### ▼ 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
acetone	Yes	No data available	No data available

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
acetone	No	No data available	No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

This product contains ecotoxic substances which can have damaging effects on water-organisms. This product contains substances which can cause undesirable long-term effects in the water environment, due to its poor biodegradability.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

#### Waste

EWC code  
16.05.04

#### Specific labelling

-

#### Contaminated packing

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

## SECTION 14: Transport information

This product is covered by the conventions on dangerous goods.

### 14.1 – 14.4

ADR/RID	14.1. UN number	14.2. UN proper shipping name	14.3. Transport hazard class(es)	14.4. Packing group	Notes
	1950	Aerosols	2	I	LQ2

IMDG	UN-no.	Proper Shipping Name	Class	PG*	EmS	MP**	Hazardous constituent
	1950	Aerosols	2	I	F-D, S-U	-	-

#### 14.5. Environmental hazards

This product contains substances which can cause undesirable long-term effects in the water environment, due to its poor biodegradability.

#### 14.6. Special precautions for user

-

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

No data available

(\*) Packing group

(\*\*) Marine pollutant

## SECTION 15: Regulatory information

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

#### Restrictions for application

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC. For exceptions, see the Danish Working Environment Authority's Executive Order No. 239 of 6 April 2005.

#### Demands for specific education

-

#### Additional information

-

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Sources

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

### Full text of H/R-phrases as mentioned in section 3

R11 - Highly flammable.

R36 - Irritating to eyes.

R38 - Irritating to skin.

R66 - Repeated exposure may cause skin dryness or cracking.

R67 - Vapours may cause drowsiness and dizziness.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H225 - Highly flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

EUH066 - Repeated exposure may cause skin dryness or cracking.

### The full text of identified uses as mentioned in section 1

### Other symbols mentioned in section 2



### Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.



According to EC-Regulation 1907/2006 (REACH)

A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

**The safety data sheet is validated by**  
JS

**Date of last essential change**  
**(First cipher in SDS version)**

07-05-2012

**Date of last minor change**  
**(Last cipher in SDS version)**

23-01-2014

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