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Safety Data Sheet  
**NodorS MSDS**  
FR-EDS4664 (1.0)

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**Section 1: Identification**

Product Name:	Dansac Nodor S
Product Code:	080-01; 080-00
SDS Manufacturer Number:	080-01; 080-00
Manufacturer Name/Address:	Propharma A/S Skaaremsevej 11-14 3230 Græsted Tel:+45 48 71 50 03; propharma@propharma.dk www.propharma.dk/
General Phone Number:	+45 48465000
Emergency Number:	+45 48465000; Poisoncontrol Denmark (Gifflinjen): +45 82 12 12 12
SDS Creation Date:	01/09/2016
SDS Revision Date:	23/01/2018

**Section 2: Hazard(s) Identification**

## GHS Pictograms:



Signal Word:	DANGER
Classification:	Eye Dam. 1;H318 Aquatic Chronic 3;H412
Hazard Statements:	H302 - Harmful if swallowed H318- Causes serious eye damage H400- Very toxic to aquatic life H410- Very toxic to aquatic life with long-lasting effects H412- Harmful to aquatic life with long-lasting effects
Precautionary Statements:	Avoid contact with eyes. Do not put into stoma
Emergency Overview:	-
Route of Exposure:	Eyes. Skin. Inhalation. Ingestion.
Potential Health Effects:	

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**Eye:** May cause eye irritation.

**Skin:** May cause irritation at repeated or prolonged contact.

**Inhalation:** Inhalation may result in irritation to nose and throat.

**Ingestion:** May be harmful if ingested.

**Target Organs:** Respiratory system. Eyes.

### Section 3: Composition / Information on Ingredients

Chemical Name	CAS-nr:	EC Num:	Ingredient Percent
Aluminium sulfate tetradecahydrate	16828-12-9	605-512-3	1-5%
Zinc Sulfate (heptahydrate)	7446-20-0	616-097-3	1-5%

### Section 4: First Aid Measures

#### 4.1 Description

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelid with fingers. Get immediate medical attention.

**Skin Contact:** Remove contaminated clothing and flush thoroughly.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention. Bring this MSDS.

**Ingestion:** Flush mouth immediately with plenty water. Call a physician or poison control center immediately. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Bring this MSDS.

#### 4.2 Symptoms and effects – immediate and delayed

**Symptoms/effects:** See section 11 for further information.

#### 4.3 Need for critical treatment

**Physician/treatment:** According to observed/displayed reaction

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**Section 5: Fire Fighting Measures**

Flammable Properties:	Not Flammable
Fire Fighting Instructions/ Extinguishing Media:	Medium and method chosen in concordance with and consideration of other chemicals.
Protective Equipment:	Excessive heating can cause irritating vapor/fumes. Self-contained respirator must be used for firefighting.

**Section 6: Accidental Release Measures**

Personnel Precautions:	Avoid contact with eyes and skin.
Environmental Precautions:	Avoid disposal in nature. Dispose at in concordance with local regulation.
Methods for containment:	Contain spills with an inert absorbent material such as soil, sand, or oil dry.
Methods for cleanup:	Wipe away any residual liquids. Place in a suitable container for proper disposal. Use appropriate protective apparel as described in Section 8. Avoid contact with eyes.
Other Precautions:	Concerning personal safety, refer to Section 8 Concerning disposal, refer to Section 13.

**Section 7: Handling and Storage**

Incompatibilities:	Avoid contact with oxidizing and reducing agents.
Handling:	Read the label before use. Do not mix with other chemicals. Use with adequate ventilation. Avoid breathing vapor, aerosol or mist. Mechanical ventilation may be required. Provide easy access to plenty water and eye wash.
Storage:	Store in a well-ventilated area away. Keep container tightly closed when not in use.
Special Handling Procedures:	Hazardous liquid or vapor residue may remain in emptied container. Do not re-use, heat, burn, pressurize, cut, weld, braze, solder, drill, grind, expose to sparks, flame, or ignition sources of empty containers.

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Hygiene Practices: Wash thoroughly after handling.

### Section 8: Exposure Controls, Personal Protection – Exposure Guidelines

**Engineering Controls:** General ventilation is sufficient if this product is being used for its sole intended purpose. Provide adequate ventilation. Obey occupational exposure limits and risk of inhalation of vapors should be minimized. Eye wash must be at the work site.

**Eye/Face Protection:** No special protective equipment required under normal conditions of use. Risk of contact: Wear goggles / face shield.

**Skin Protection Description:** No special protective equipment required under normal conditions of use. Risk of contact: Wear suitable protective gloves. PVC or rubber gloves recommended.

**Respiratory Protection:** No personal respiratory protective equipment required under normal conditions of use.

**Personal Protection:** Personal protective equipment should be chosen according to the CEN standards and in cooperation with the supplier of protective equipment.

**General:** Change contaminated clothing. Wash hands after use.

### EXPOSURE GUIDELINES

**Guideline ACGIH:** Not established

**Guideline OSHA:** Not established

### Section 9: Physical and Chemical Properties

**Physical State Appearance:** Transparent liquid

**Molecular Mass** No data available

**Color** Colorless

**Odor** Odorless

**Odor Threshold** No data available

**pH** 3-4

**Relative evaporation rate (butylacetate = 1)** No data available

**Melting Point** No data available

**Freezing Point** No data available

**Boiling Point** Approx. 100°C

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Flash Point	N/A
Auto-ignition Temperature	N/A
Decomposition Temperature	No data available
Partition Coefficient	No data available
Flammability (solid, gas)	Not Flammable
Density	Approx. 1 g/cm <sup>3</sup>
Solubility	Water: soluble
Other Information	
Other Information	Not relevant

### Section 10: Stability and Reactivity

Reactivity	No additional information available
Chemical Stability:	Stable under normal temperatures and pressures
Hazardous Polymerization:	Not reported
Conditions to Avoid:	No particular
Incompatible Materials:	Strong acids
Special Decomposition Products:	No particular.

### Section 11: Toxicological Information

Acute Toxicity	The classification criteria on the basis of the available data is not considered to be fulfilled
Skin corrosion/irritation	Prolonged exposure can cause irritation of the skin.
Serious eye damage/irritation	Irritation, burning, lacrimation, blurred vision after liquid splash.
Respiratory or skin sensitization	Not relevant at normal room temperature. Heat may form irritating fumes.
Germ cell mutagenicity	Not classified; Based on available data, the classification criteria are not met
Carcinogenicity	Not classified; Based on available data, the classification criteria are not met
Reproductive Toxicity	Not classified; Based on available data, the classification criteria are not met

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Specific target organ toxicity (single exposure)	Not classified; Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	Not classified; Based on available data, the classification criteria are not met
Aspiration hazard	Not classified; Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	Not classified; Based on available data, the classification criteria are not met

### Section 12: Ecological Information

Eco-toxicity	The product is harmful to organisms living in water and can cause long term adverse effects in the aquatic environment.
Degradability	No data available
Bioaccumulative Potential	
Bioaccumulative potential	Not established
Mobility in soil	No additional information available
Results of PBT and vPvB assessment	The product does not contain PBT or vPvB substances
Other adverse effects	No additional information available

### Section 13: Disposal Considerations

Waste Disposal:	Consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.
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### Section 14: Transport Information

	Not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR / RID).
UN Number:	-
UN proper shipping name:	-
Transport hazard class(es):	-
Packaging Group:	-
Environmental Hazards:	-
Special precautions for user:	-

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**Section 15: Regulatory Information**

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

Regulatory – Product Based:

TSCA Inventory Status: No data available

Canada DSL: No data available

WHMIS Pictograms:

**Section 16: Additional Information**

The user must be instructed in the proper work procedure and be familiar with the contents of this safety data sheet. For restrictions on use see point 15.

SDS Creation Date: 10/24/2016

SDS Revision Date: 23/01/2018

Other information Classification according to Regulation (EC) no. 1272/2008: Calculation.

The information contained in this Safety Data Sheet (SDS) is offered as a guide to the handling of this specific material and prepared per 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Regulation (EC) No 1907/2006 (REACH), and Regulation (EC) No 1272/2008 (CLP) via an update to Annex II of REACH. It has been prepared in good faith by technically knowledgeable personnel and is believed to be correct as of the effective date listed. Dansac A/S shall not be held liable for any damages, losses or injuries of any nature which may result from the use of or reliance upon any information contained in this SDS.

## **CHANGES AND REASONS**

17-05-2018

MRL: Replacement of old DAB, and made some minor changes to comply with the vendor SDS.





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