

## SAFETY DATA SHEET

according to the Globally Harmonized System

### AGRILAN 789 DRY

Version 1

Revision Date 31.07.2018

Print Date 30.12.2020

IN / EN

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

Product Information  
Trade name : AGRILAN 789 DRY

Use of the Substance/Mixture : Specific use(s): Dispersing agent

Company : Nouryon Surface Chemistry AB  
Stenunge Alle 3  
SE 444 85 Stenungsund  
Sweden

Telephone : +4630385000  
Telefax : +4630384659  
E-mail address : Regulatory.Affairs@nouryon.com  
Emergency telephone number : 020 99 60 00 Kemiakuten, SE +31 57 06 79 211 24 hours  
emergency response number

#### 2. HAZARDS IDENTIFICATION

##### GHS-Classification

Not a hazardous substance or mixture.

##### GHS-Labeling

Not a hazardous substance or mixture.

##### Other hazards which do not result in classification

Risk of dust explosion.  
No further data available.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

No hazardous ingredients

## 4. FIRST AID MEASURES

- General advice : No hazards which require special first aid measures.
- Inhalation : Remove to fresh air.  
Keep patient warm and at rest.  
Rinse nose and mouth with water.
- Skin contact : Remove contaminated clothing and shoes.  
Rinse with water.
- Eye contact : Rinse with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.  
Never give anything by mouth to an unconscious person.

### Notes to physician

- Symptoms : The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.
- Risks : No information available.
- Treatment : Treat symptomatically.

## 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during firefighting / Specific hazards arising from the chemical : Do not allow run-off from fire fighting to enter drains or water courses.  
Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.
- Combustion products : No hazardous combustion products are known
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## 6. ACCIDENTAL RELEASE MEASURES

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### Personal precautions, protective equipment and emergency procedures

- Personal precautions : Avoid dust formation.
- Emergency measures on accidental release : Follow safe handling advice and personal protective equipment recommendations.
- Environmental precautions : Do not allow material to contaminate ground water system. Prevent product from entering drains.
- Methods for cleaning up / Methods for containment : Sweep up and shovel.  
Keep in suitable, closed containers for disposal.  
Contaminated surfaces will be extremely slippery.
- Reference to other sections : For disposal considerations see section 13.  
  
For personal protection see section 8.

## 7. HANDLING AND STORAGE

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### Handling

- Advice on safe handling : For personal protection see section 8.  
Avoid creating dust.  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Dispose of rinse water in accordance with local and national regulations.  
No special handling advice required.
- Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.  
No sparking tools should be used.

### Storage

- Requirements for storage areas and containers : Do not freeze.  
Keep in a dry place.  
Store at room temperature in the original container.  
Keep container tightly closed.
- Advice on common storage : No special restrictions on storage with other products.
- Other data : No decomposition if stored and applied as directed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Components with workplace control parameters

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**Engineering controls**

Provide appropriate exhaust ventilation at places where dust is formed.

**Personal protective equipment**

- Respiratory protection : No personal respiratory protective equipment normally required.  
In the case of dust, vapour or aerosol formation use a respirator with an approved filter.  
Half mask with a particle filter P2 (EN 143)
- Hand protection : For prolonged or repeated contact use protective gloves.  
Protective gloves complying with EN 374.
- Eye protection : Safety glasses
- Hygiene measures : General industrial hygiene practice.

**Environmental exposure controls**

- General advice : Do not allow material to contaminate ground water system.  
Prevent product from entering drains.

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**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

- Form : powder
- Colour : off-white
- Odour : No information available.
- Odour Threshold : No data available

**Safety data**

- pH : 7 - 8.5 at 1 % solution
- Melting point/freezing point : No data available
- Boiling point/boiling range : Not applicable
- Flash point : Not applicable
- Evaporation rate : Not applicable
- Flammability (solid, gas) : No data available
- Flammability (liquids) : Not applicable
- Lower explosion limit : No data available

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Upper explosion limit	: No data available
Vapour pressure	: Not applicable
Relative vapour density	: No data available
Density	: 310 kg/m <sup>3</sup> at 25 °C
Relative density	: No data available
Water solubility	: completely soluble
Solubility in other solvents	: miscible with most organic solvents
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable
Explosive properties	: Not explosive
Oxidizing properties	: Not classified as oxidising.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

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## 10. STABILITY AND REACTIVITY

Conditions to avoid	: Avoid temperatures above 60°C, direct sunlight and contact with sources of heat.
Materials to avoid	: Mild steel Oxidizing agents
Hazardous decomposition products	: No hazardous decomposition products are known.
Thermal decomposition	: No data available
Reactivity	: Stable under normal conditions.
Chemical stability	: Stable under recommended storage conditions.
Hazardous reactions	: Dust may form explosive mixture in air.

## 11. TOXICOLOGICAL INFORMATION

### Product information:

#### Potential Health Effects

- Inhalation : Product dust may be irritating to the respiratory system.
- Skin : Product dust may be irritating to skin.
- Eyes : Product dust may be irritating to eyes.
- Ingestion : Not expected to be irritating.
- Aggravated Medical Condition : None known.
- Symptoms of Overexposure : The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.

#### Toxicology Assessment

- Further information : No further data available.

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## 12. ECOLOGICAL INFORMATION

### Product information:

#### Ecotoxicology Assessment

- Additional ecological information : None known.

#### Test result

#### Ecotoxicity effects

- Toxicity to fish : No data available
- Toxicity to daphnia and other aquatic invertebrates : No data available

#### Elimination information (persistence and degradability)

- Bioaccumulation : No data available
- Mobility : No data available
- Biodegradability : No data available

#### Further information on ecology

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Biochemical Oxygen Demand (BOD) : No data available

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## 13. DISPOSAL CONSIDERATIONS

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## 14. TRANSPORT INFORMATION

### International Regulations

#### ADR

Not regulated as a dangerous good

#### UNRTDG

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### Further information for transport

Not classified as dangerous in the meaning of transport regulations.

#### Land transport

Not regulated as a dangerous good

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## 15. REGULATORY INFORMATION

### Notification status

DSL : NO. This product contains one or several components that are not on the Canadian DSL nor NDSL.  
AICS : NO. Not in compliance with the inventory  
NZIoC : YES. On the inventory, or in compliance with the inventory  
ENCS : NO. Not in compliance with the inventory  
ISHL : NO. Not in compliance with the inventory  
KECI : NO. Not in compliance with the inventory  
PICCS : NO. Not in compliance with the inventory  
IECSC : NO. Not in compliance with the inventory  
TCSI : NO. Not in compliance with the inventory  
TSCA : YES. All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.

For explanation of abbreviation see section 16.

Further information : none

## 16. OTHER INFORMATION

### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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