

SAFETY DATA SHEET

According to Regulation (EU) 2015/830, amending Annex II of Regulation (EC) N°1907/2006 (REACH)

NOZZLE CLEAN NC 260/RF

Revision date: 09/11/2016

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

1.1 PRODUCT IDENTIFIER

TRADE NAME	DESCRIPTION
NC 260/RF	NOZZLE CLEAN

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

Identified uses

Industrial use of processing aids. Paste maximum process temperature 350°C
Cleaning work. , methods for cleaning up.
Cleaning agent, acidic. Surface active agent.

Uses advised against

No identified use(s). Do not use for private purposes (household).

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture.

Regulation (EC) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Corr. 1B

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes serious eye irritation.

Causes skin irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Caprylic acid

Signal word: Warning

Pictograms: GHS07



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Hazard statements

H319 Causes serious eye irritation.
 H315 Causes skin irritation

Precautionary statements

P202 Do not handle until all safety precautions have been read and understood.
 P270 Do not eat, drink or smoke when using this product.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing . Rinse skin with water/shower.
 P363 Wash contaminated clothing before reuse .
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P411 Store at temperatures not exceeding 25 °C/77 °F
 P501 Dispose of contents/container to Dispose of this material and its container to hazardous or special waste collection point. Consult the local waste disposal expert about waste disposal.

2.3. Other hazards

See attached safety data sheets and/or usage instructions. No risks worthy of mention.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical characterization

Mixture related information. Paste
 Data apply to the main component. resin / Activator

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
124-07-2	Caprylic acid			5-10 %
	204-677-5			
	Skin Corr. 1B; H314			
505-48-6	Dicarboxylic acid mixture (8)			2-10 %
	Eye Irrit. 2; H319			

Full text of R-, H- and EUH-phrases: see section 16.

Further Information

Contains: resin. >> No risks worthy of mention. Contains: Fat. , Fatty acid. resin. >> No risks worthy of mention.
 Dye carrier , Paint: yellow, >> No risks worthy of mention.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

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After inhalation

Provide fresh air..

After contact with skin

Wash with plenty of water. Change contaminated clothing.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

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

Rinse mouth immediately and drink plenty of water.

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

No known symptoms to date.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

D powder.

5.2 Special hazards arising from the substance or mixture

>400°C Hazardous decomposition products:

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eyes and clothes. Wear personal protection equipment .

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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. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal . See protective measures under point 7 and 8.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling

Conditions to avoid: Inhalation of vapours or spray/mists

Advice on protection against fire and explosion

Not highly flammable.

Further information on handling

Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Advice on storage compatibility

To follow: Storage class.

Further information on storage conditions

Protect against direct sunlight.

7.3. Specific end use(s)

Surface active agent

Further information: refer to Technical Data Sheet.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

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8.2. Exposure controls

Appropriate engineering control

Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

Eye/face protection

Suitable eye protection:

Hand protection

Additional protection measures for the hands: Hand protection: DIN EN 374 -CR (polychloroprenes, Chloroprene rubber). Thickness of glove material: : 0,65mm penetration time (maximum wearing period): : >120min. -NBR (Nitrile rubber).: Thickness of glove material: : 0,4mm penetration time (maximum wearing period): : >480min. Revision No: 4,01 GB - E Breakthrough times and swelling properties of the material must be taken into consideration. Take recovery periods for skin regeneration . In the case of wanting to use the gloves again, clean them before taking off and air them well . Use gloves only once. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. Before using check leak tightness / impermeability.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Respiratory protection

[In case of inadequate ventilation] wear respiratory protection. Use appropriate respiratory protection. Use only respiratory protection equipment with CE-symbol including four digit test number. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used! Filtering device (full mask or mouthpiece) with filter::A

Environmental exposure controls

No special measures are necessary

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Paste
Colour: Light yellow
Odour: characteristic

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Test method

not applicable etc.:

pH-Value:

Changes in the physical state

Melting point: >60 °C

Initial boiling point and boiling range: >300 °C

Solubility in other solvents

Alcohols , Ketone

Partition coefficient: not determined

Viscosity / dynamic: not determined

Flow time: not determined

Vapour density: not determined

Evaporation rate: not determined

Solvent content: approx 13%

Solid content: 87%

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No risks worthy of mention.

10.2. Chemical stability

Stability and reactivity: Yes.

Hazards identification >450°C = Hazardous decomposition products (Gases/vapours, irritant - Gas/vapours, corrosive.)

10.3. Possibility of hazardous reactions

No risks worthy of mention.

10.4. Conditions to avoid

Keep away from heat.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

Further information

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No data available

Acute toxicity

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
124-07-2	Caprylic acid			
	oral	LD50 10080 mg/kg	Rat	
	dermal	LD50 >5000 mg/kg	Rabbit	
505-48-6	Dicarboxylic acid mixture (8)			
	oral	LD50 >2000 mg/kg	Rat	

Irritation and corrosivity

Irritating to eyes.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

The product is not: Ecotoxic.

12.2. Persistence and degradability

Avoid contact with skin and eyes.

12.3. Bioaccumulative potential

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.



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12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No data available

Do not mix with other wastes.

Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC). The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation

Waste disposal number of waste from residues/unused products 200127

MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing dangerous substances Classified as hazardous waste.

Waste disposal number of used product 200127

MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing dangerous substances Classified as hazardous waste.

Waste disposal number of contaminated packaging 200127

MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing dangerous substances Classified as hazardous waste.

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

SECTION 14: TRANSPORT INFORMATION

Land transport (ADR/RID)

14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

Other applicable information (inland waterways transport)

No dangerous good in sense of these transport regulations.



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Marine transport (IMDG)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Other applicable information (marine transport)

No dangerous good in sense of these transport regulations.

Air transport (ICAO)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Other applicable information (air transport)

No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Do not allow uncontrolled discharge of product into the environment.

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

not applicable etc.:

Other applicable information

Discharge into the environment must be avoided.

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): 0%

Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Employment restrictions and regulations:

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 1 - slightly water contaminating

Additional information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

15.2. Chemical safety assessment

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



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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)

H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

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.