

SAFETY DATA SHEET (91/155/EEC)

Version: N°3/0 (26/01/1999)

Name: ND 20 - 102880R1

Date: 28/06/1999 Page 1/4

Revision: N°1 (24/05/1996)

Company/business: CHEMSEARCH

SAFETY DATA SHEET

1 - IDENTIFICATION OF PREPARATION AND COMPANY/BUSINESS

Preparation:

Name: ND 20

Product code: 102880R1.

Company/business:

Registered company name: CHEMSEARCH

Address: Landchard House, Victoria Street, West Bromwich, West Midlands, B70 8ER

Telephone: 0121 525 1666. Fax: 0121 500 5386. Telex:

Emergency telephone No.: 0121 525 1666

Association/Organisation: A Division of NCH (UK) Ltd

Normal use:

..Degreaser

2 - INFORMATION REGARDING CONSTITUENTS

Hazardous substances present on their own.

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

C6834.92.0 Cas 6834-92-0 SODIUM METASILICATE PENTAHYDRATE Concentration $\geq 10.00\%$ and $< 25.00\%$. Symbol: C R: 34**Other substances representing a hazard:**

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold.C51811.79.1 Cas 51811-79-1 NONYL PHENOL ETHOXYLATE PHOSPHATE ESTER, ACID FORM Concentration $\geq 0.00\%$ and $< 2.50\%$.

Symbol: Xi R: 36

Other substances with occupational exposure limits.

No known substance in this category present.

3 - IDENTIFICATION OF HAZARDS

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site
Possibility of corrosive effects.

4 - FIRST AID.

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation.

In the event of inhalation, move the patient into the fresh air and keep him/her warm and still.

In the event of splashes or contact with eyes.

Rinse the eyes with water. Remove any contact lense and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops.

In the event of splashes or contact with skin.

Wash affected area with plenty of water for several minutes. Remove contaminated clothing and shoes. Seek medical attention if irritation develops.

In the event of swallowing.

If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

5 - FIRE-FIGHTING MEASURES

Not relevant.

In the event of fire, the recommended extinguishing agents are:

Extinguisher media should be chosen based on the nature of the surrounding fire.

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Name: ND 20 - 102880R1

Date: 28/06/1999 Page 2/4

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Special equipment for fire-fighting personnel.*Firefighters should wear self contained breathing apparatus and full protective clothing.***6 - MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL SPILLAGE****Safety precautions:***Avoid any contact with the skin and eyes.**Consult the safety measures listed under headings 7 and 8.***Environmental safety precautions:***Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatom earth in drums for waste disposal.**Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).***Cleaning methods:***Neutralise with an acidic decontaminant.**If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.***7 - HANDLING AND STORAGE***The regulations relating to storage premises apply to workshops where the product is handled.***Handling:***Usage: To be diluted***Recommended equipment and procedures***Observe precautions stated on label and also industrial safety regulations**Product must not come into contact with the skin and eyes***Prohibited equipment and procedures.***Smoking, eating and drinking are not recommended whilst using this product.***Storage.***Keep from freezing. If product freezes, warm to room temperature slowly and stir thoroughly before using.***8 - EXPOSURE CONTROL - PERSONAL SAFETY****Technical measures.***Do not breathe spray.**Provide free access to fresh water***Exposure limits per INRS ND 1945-153-93/(1996) and ND 2022-163-96:***Substance in this category unknown.***Safety breathing apparatus:***Use respiratory protective equipment if high levels of mist generated.***Hand protection.***NBR(NitrilButyl Rubber)/NR(Nitrile Rubber)/Polyvinyl alcohol gloves if repeated or prolonged skin contact is likely.***Eye and face protection.***Safety glasses if the method of use presents the likelihood of eye contact.***Skin protection.***For further information, see § 11 of S.D.S. - Toxicological information.***9 - PHYSICAL PROPERTIES****Density:**

> 1

Acid/basic character of preparation:

strongly basic.

Solubility of preparation in water:

Soluble.

Vapour tension at 50°C of volatile constituents:

not specified.

Physical state:

fluid liquid

Flash point interval:

not relevant.

When a pH measure is possible, it has a value of:

12,00 .

Self-ignition temperature:

not relevant.

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Date: 28/06/1999 Page 3/4

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Decomposition temperature: not relevant.
 Melting temperature interval: not relevant.
 Average distillation temperature of solvents contained: not relevant.

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet.

Materials to avoid:

Oxidizing agents, reducing agents, strong acids.

Hazardous decomposition products:

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide

11 - TOXICOLOGICAL INFORMATION

It is generally agreed that substances contained are likely to cause tissue damage in less than four hours after application to the healthy, unbroken skin of an animal.

In the event of swallowing.

Ingestion: Aspiration into lungs on ingestion or vomiting may cause broncopneumonia or pulmonary oedema which can be fatal.

In the event of splashes or contact with skin.

Corrosive. Causes burns and possible deep ulcerations or scarring.

In the event of splashes or contact with eyes.

Corrosive. Causes burns, corneal damage and possible blindness.

12 - ECOLOGICAL INFORMATION

The product must not be allowed to run into drains or waterways.

Mobility:

Soluble in water.

Degradability:

Inherently biodegradable.

Accumulation:

Unlikely to accumulate in the aquatic environment.

Aquatic Toxicity:

Not classed as toxic to aquatic organisms at neutral pH.

13 - DISPOSAL CONSIDERATIONS

The used product can be drained to sewage if it does not contain hazardous materials and the pH is neutral (typically 5.5 to 9).

Packaging: Can be reused after rinsing or recycled or burnt.

14 - TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport

ADR/RID	Class	Number	Code	Identif.	Label					
	8	47° c)	80	3266	8					
IMDG	Page	N°ONU	Class	Number	2°Label	Identif.	N°GSMU			
		3266	8	III	-	8-15	760			
IATA	N°ONU	Class	2°Label	Number	Passenger	Passenger	Freighter	Freighter	nota	
	3266	8	-	III	818	5 L	820	60 L	-	
	3266	8	-	III	Y818	1 L	-	-	-	

15 - STATUTORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 88/379/EEC and its adaptations

In addition directive 93/72/EEC with the 20° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

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Preparation classification.

Corrosive.



Contains:

C6834.92.0 SODIUM METASILICATE PENTAHYDRATE

Particular hazards associated with the preparation and safety recommendations:

- | | |
|------------|---|
| R 34 | Causes burns. |
| S 26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S 45 | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). |
| S 36/37/39 | Wear suitable protective clothing, gloves and eye/ face protection. |
| S 23 | Do not breathe spray |
| S 51 | Use only in well ventilated areas. |
| S 2 | Keep out of reach of children. |
| | For industrial and institutional use only |

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Revised by: km