Safety data sheet

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Product name: NC- CLEAN 100

2. Composition/information on ingredients

Synonyms

Aliphatic Petroleum Hydrocarbon

CAS-No.: 64742-47-8 weight 80-90%

3. Hazards identification

Harmful by inhalation.

4. First aid measures

After skin contact: wash off with plenty of water. Remove contaminated clothing.
After eye contact: rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Summon eye specialist. After inhalation: fresh air. If necessary, apply mouth-to-mouth resuscitation or mechanical ventilation.
After swallowing: administer liquid paraffin, avoid vomiting (risk of aspiration!). If victim is unconscious: lateral recumbent position. Immediately summon doctor.

5. Fire-fighting measures

Suitable extinguishing media: powder , CO_2 , foam

Special risks: Combustible. Vapours heavier than air. Formation of explosive mixtures possible with air. Development of hazardous combustion gases or vapours possible in the event of fire. Keep away from sources of ignition. The following may develop in event of fire: hydrogen bromide

6. Accidental release measures

Take up with liquid-absorbent material (e.g. Chemizorb®). Forward for disposal. Clean up affected area. Contain escaping vapours with water.

7. Handling and storage

Handling:

No further requirements.

Storage: tightly closed , cool , protected from light , dry , away from combustible substances Take measures to prevent electrostatic charging.

8. Exposure controls/personal protection

Personal protective equipment:

Respiratory protection:
Eye protection:
Hand protection:
Industrial hygiene:

9. Physical and chemical properties

Form:		liquid	
Colour:		colourless	
Odour:		Petroleum distilled	
pH value			not available
Specific gravity			0.79
Boiling temperature			177°C
Ignition temperature			490 °C
Flash point			67 °C
Explosion limits	lower		4.6 Vol%
	upper		
Vapour pressure		(20 °C)	140 hPa
Vapor Density		(20 °C)	5.3
Solubility in	water	(20 °C)	2.5 g/l
	organic solvents	(20 °C)	soluble

10. Stability and reactivity

Conditions to be avoided

no information available

Substances to be avoided

oxidizing agent , alkali amides , alkali metals , alkaline earth metals , metals , in powder form

Hazardous decomposition products

no information available

11. Toxicological information

Acute toxicity

Quantitative data on the toxicity of this product are not available.

Further toxicological information

The data available to us do not suffice to permit any industrial-toxicological assessment.
After skin contact: Severe irritations.
After eye contact: Severe irritations. Degreasing effect on the skin, possibly followed by secondary inflammation. After inhalation: Irritations of the mucous membranes, coughing, and dyspnoea.
After swallowing: irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract. After absorption of toxic quantities: narcosis Inhalation may lead to the formation of oedemas in the respiratory tract. Latency time until onset of action.

12. Ecological information

Do not allow to enter waters

13. Disposal considerations

Product:

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Packaging:

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. Transport information

Transport over land ADR/RID and GGVS/GGVE (Germany)

GGVS/GGVE class:	3	Number and letter:	31c		
ADR/RID class:	3	Number and letter:	31c		
Name of material:	1993 ENTZUENDBARER FLUESSIGER STOFF,N.A.G.(1-BROMPROPAN)				

River transport ADN/ADNR

not examined

Sea transport IMDG

IMDG class:	3.3	UN-No.:	1993	Packaging group:	III
Ems:	3-07	MFAG:	340		
Correct technical name:	FLAMMABLE LIQUID,N.O.S.(1-BROMOPROPANE)				

Air transport ICAO-TI and IATA-DGR

ICAO/IATA class:	3	UN/ID-No.:	1993	Packaging group:	III
Correct technical name:	FLAMMABLE LIQUID,N.O.S.(1-BROMOPROPANE)				

The transport regulations are cited according to international regulations and in the form applicable in Germany (GGVS/GGVE). Possible national deviations in other countries are not considered.

15. Regulatory information

Labelling according to EC Directives

Symbol:	Xn	Harmful immediately and show this container or label.
R-phrases:	R 10-20	Flammable. Harmful by inhalation.
S-phrases:	S 9-24	Keep container in a well-ventilated place. Avoid contact with skin.
EC-No.:	203-445-0	EC label

German regulations

Water pollution class	2	(polluting substance)

16. Other information

no information available