SDS /ANSI Z400.1 / ENGLISH 91/155/EWG

Safety Data Sheet

Section 1. Chemical Product and Company Identification

PRODUCT NAME: **NH 4004, Water repellent for textiles,**

SUPPLIER:

Nanovations Pty Ltd
Sydney , Unit 16
Frenchs Forest NSW 2086
Australia

EMERGENCY HEALTH INFORMATION: +61 2 99755602
EMERGENCY SPILL INFORMATION: 1 (800) 424-9300 CHEMTREC (USA)
OTHER PRODUCT INFORMATION +61 2 99755602
email info@nanovations.com.au

Section 2. Hazard Identification

3.1. Classification of the substance or mixture Classification according to Regulation 29CFR 1910.1200

Causes eye irritation	Category 2b	H320
Skin irritation	Category 3	H316

2.2. Label elements

Symbol(s) : Not applicable
Signal word : Warning
hazard statement : H316 - Causes mild skin irritation.
H320 - Causes eye irritation.
Precautionary Statement (Prevention) P264 - Wash skin thoroughly after handling.
P280 - Wear protective gloves and eye protection
Precautionary Statement (Response) P302+ 352 IF ON SKIN: Wash with plenty of water/ soap
P305+ 351 IF IN E YES: Rinse cautiously with water for several minutes .

Section 2. Composition, Information on Ingredients

Name	CAS	%		
1,2-Propanediol	57-55-6	20 – 50 %		
Ingredients determined to be Non-Hazardous		Balance	-	-

Section 4. First Aid Measures

First aid following skin contact Wash off with soap and water.

First aid following eye contact Rinse with plenty of water. Get medical attention if irritation develops and persists.

First aid following swallowing Rinse mouth . Give a copious amount of water to drink. Do not induce vomiting.
Seek medical attention.

Inhalation : Remove to fresh air.

Section 5. Fire Fighting Measures

Flammability of the Product Non Flammable

Auto ignition Temperature Not applicable.

Flash Points Flammable Limits Not applicable.

Products of Combustion None

Unusual fire/explosion hazards Not applicable.

Fire Fighting Media and Instructions CO2, dry powder and water spray is the recommended extinguishing media for this product.

Section 6. Accidental Release Measures

Large Spill and Leak Small quantities can be mopped or wiped up with rags.
Large quantities should be directed to collecting basin or drain with dikes or swabs.. For small spills add absorbent (soil **Technical safety measures**
Not applicable.
Personal safety measures
Avoid contact with the eyes and skin. Wear suitable gloves (see also sections 7 and 8). Protective goggles/face mask.
Environmental protection measures
Do not allow the substance to contaminate the soil, sewerage system or bodies of water.
Cleaning procedure
Soak up any liquid that escapes with absorbent material and dispose of according to the local regulations in sealed containers. Subsequently clean with suitable binding agents (for example sand (to contain the liquid) or a universal binder (for example Chemisorb)

Section 7. Handling and Storage

Handling
Instructions for safe handling
Avoid aerosols generation.. Keep containers tightly sealed.
Instructions concerning fire and explosion protection
Not applicable.
Storage
Store in tightly sealed containers,
Only store in original containers. Do not use containers made of metal (danger of corrosion).

Section 8. Exposure Controls, Personal Protection

Engineering Controls Non required

Safety goggles.

Personal Protection Gloves and Safety goggles

Eyes Avoid contact with eyes. Wear protective Goggles

Skin and Body Avoid longer contact with skin.

Respirator Do not create dust. Wear dust mask

Hands Wear gloves

Section 9. Physical and Chemical Properties

Apperance	White liquid	Odor	Nearly Odourless
PHYSICAL STATE:	Liquid	pH AS SUPPLIED:	3.5 -4
BOILING POINT F: C:	212 F 100 °C	MELTING POINT F: C:	N/A
VAPOR PRESSURE (mmHg): @ C: F:	N/A	VAPOR DENSITY (AIR = 1): @ C: F:	N/A
VOLATILE ORGANIC COMPOUNDS (VOC):	10 -20 g / litre	MOLECULAR WEIGHT: VISCOSITY:	
SPECIFIC GRAVITY (H2O = 1):	1.08 g / cm3	**Flashpoint**	**F: >217 °F** **C: >100**
EVAPORATION RATE: BASIS (=1):		SOLUBILITY IN WATER	yes

Section 10. Stability and Reactivity

STABILITY: **product is stable**

CONDITIONS TO AVOID (STABILITY): **N/A**

INCOMPATIBILITY (MATERIAL TO AVOID): **N/A**

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: **N/A**

CONDITIONS TO AVOID (POLYMERIZATION): **N/A**

Section 11. Toxicological Information

Acute toxicity : No Information

LD/LC50 Oral LD50 > 2000 mg/kg (Rat)

Primary irritant effect:
Skin : Due to the product composition slight irritations of the skin cannot be excluded. Eye : Due to the product composition slight irritations of the eyes cannot be excluded. Sensitisation : No sensitising effects known.

Skin: Prolonged and repeated skin exposure may be Irritating

Eyes Irritating

Sensitisation: The material is not sensitising

Additional info The product has not been tested. The information is derived from the properties of the individual components. When sprayed in inadequately ventilated spaces, the aerosol drops may seriously irritate the respiratory tract

Section 12. Ecological Information

Eco-toxicity class 1 slightly harmful to aquatic organisms.

Persistence Potential This product is readily biodegradable.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Consult your local or regional authorities.

Section 14. Transport Information

The product is not classified as dangerous goods.
Hazard warning not required for Air , Sea or Road transport

14.1 Road transport:	**No Restrictions**	**Hazard warning not required**
14.2 Sea transport:	**No Restrictions**	**Hazard warning not required**
14.3 Air transport:	**No Restrictions**	**Hazard warning not required**

Section 15. Regulatory Information

U.S. Regulations US INVENTORY (TSCA): Listed on inventory.

Other Regulations AUSTRALIAN INVENTORY (AICS): inventory.
CANADA INVENTORY (DSL): Listed on inventory.
CHINA INVENTORY (IECS): Listed on inventory.
EC INVENTORY (EINECS/ELINCS): Listed on inventory. JAPAN INVENTORY (ENCS): Listed on inventory. KOREA INVENTORY (ECL): Listed on

Australian Hazchem Code: No information found.

Section 16. Other Information

Labeling according to Regulation (EC) No 1272/2008

ENVIRONMENTAL HAZARDS:
Not classified as an environmental hazard under GHS criteria.
No hazardous preparation within the meaning of this rule

Labelling according to Regulation 67/548/EEC or Regulation 1999/45/EC
No hazardous preparation within the meaning of this rule

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