



NCR CHEM LTD
SAFETY DATA SHEET
Alcohol Gel

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: Alcohol gel

Product code: NHAG

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

Use of substance/ mixture: Hand sanitiser/cleaner

1.3. Details of the supplier of the safety data sheet

Company name: NCR Chem Ltd

Portumna

Co. Galway

Tel: 071 9640967

Fax: 071 9640967

Email: ncrchemicalsltd@gmail.com

1.4. Emergency telephone number

2. **Emergency Telephone number:**

3. **National Poisons Centre**, Beaumont Hospital, Dublin 9, IRELAND (REPUBLIC OF)

4. **Tel:** +353 1 809 2166 (public) +353 1 837 9964 (medical professionals)

Section 2: Hazard identification**2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008

Eye Dam 1-H318

Flam. Liq. 2-H225

Skin Irr. 2-H315

STOT SE 3-H336

2.2. Label elements

Labeling according Regulation (EC) No 1272/2008 [CLP]

Pictogram

Danger symbol(s)



Hazard statement(s)

H318	Causes serious eye damage
H225	Highly flammable liquid and vapour
H315	Causes skin irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness

Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P280	Wear protective gloves.
P302+352	IF ON SKIN: Wash with plenty of water/soap.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
P501	Dispose of contents/ container to an approved waste disposal plant.

Section 3: composition/information on ingredients

Hazardous ingredients	Conc.	CAS No.	EINECS NO.	Symbols/Risk phrases
Isopropanol	70%	67-63-0	200-661-7	H225, H319, H336
Glycerine	<.15%	-	-	-
Hostagel AV	<1.5%	75-65-0	200-889-7	H225, H319, H335, H332

Section 4: First aid measures

4.1. Description of first aid measures

Eye contact:	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Ingestion:	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.
Inhalation:	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and

irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

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

Eye contact: There may be irritation and redness

Ingestion: There may be irritation of the throat

Inhalation: Gas or vapours in high concentration may irritate the respiratory system.

4.3. Indication of any immediate medical attention and special treatment

Immediate/ special treatment: Treat symptomatically.

Section 5: fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Use extinguishing media appropriate to the surrounding fire conditions

5.2. Special hazard arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide

5.3. Advice for fire fighters

Advice for fire fighters: Wear self-contained breathing apparatus

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bundling.

6.3. Methods and materials for containment and cleaning up

Clean-up procedure: Absorb with inert, absorbent material. Sweep up and transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage**7.1. Precautions for safe handling**

Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibles

Storage conditions: Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers

7.3. Specific end use(s):

Specific end use(s): No data available

Section 8: Exposure control/ Personal protection**8.1. Control parameters****Workplace exposure limits:**

Component	CAS-NO.	Value	Control parameters	Basis
2-Propanol	67-63-0	OELV – 8 hrs (TWA)	200 ppm	Ireland. List of Chemical Agents and Occupational Exposure Limit Values - Schedule 1
		Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body		
		OELV – 15 min (STEL)	400 ppm	Ireland. List of Chemical Agents and Occupational Exposure Limit Values - Schedule 1
		Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body		

8.2. Exposure controls

Respiratory protection: Ensure adequate ventilation of the working area

Hand protection: Chemical resistant gloves (PVC) (EN374) standard.

Eye protection: In case of splashing, wear approved safety glasses (EN166) chemical monogoggles.

Protective equipment: Wear protective clothing.

Section 9: Physical and chemical properties

State: Gel

Colour: Clear

Odour: Alcoholic

Evaporation rate:

Oxidising:

Solubility in water: Soluble in water

Viscosity: Viscous

Boiling point/range °C: 100

Melting point/ range °C: 0

VOC g/l:

pH: 7

9.2. Other information

Other information: Not applicable

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under normal conditions

10.2. Chemical stability

Chemical stability: Stable under normal conditions

10.3. Possibility of hazardous reactions:

No available data

10.4. Conditions to avoid

Heat, flames and sparks. Extremes of temperature and direct sunlight

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids

10.6. Hazardous decomposition products

Haz. Decomp. Products: In combustion emits toxic fumes of carbon dioxide/ carbon monoxide

Section 11: Toxicological information

11.1. Information on Toxicological effect

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	>5000	Mg/kg
DERMAL	RAT	LD50	>2000	Mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms/ routes of exposure

Skin contact: There may be mild irritation at the site of contact

Eye contact: There may be irritation and redness

Ingestion: There may be irritation of the throat

Inhalation: No symptoms

STOT SE: Vapours may cause drowsiness and dizziness.

Section 12: Ecological information**12.1. Toxicity****Eco-toxicity values:**

Species	Test	Value	Units
FISH	LC50	2.4	Mg/l
Daphnia Magna	EC50	3.2	Mg/l
Aquatic Plants	IC50	3.9	Mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) N0.648/2004 on detergents

12.3. Bio-accumulative potential

Bio-accumulative potential: No bioaccumulation potential

12.4. Mobility in soil

Mobility: If product enters soil, one or more constituents will be mobile and may contaminate groundwater. Dissolves in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations**13.1 Waste treatment methods**

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Must be disposed of in accordance with local and national regulations.

Disposal of packaging: Dispose of in compliance with all local and national regulations.

Section 14: Transport information**14.1 UN number**

UN Number: UN1219/UN3082

14.2 UN Proper shipping name:

Shipping name: ISOPROPANOL/ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

14.3 Hazardous class(es)

Transport class: 3/9

14.4 Packing Group

Packing group: II/III

14.5 Environmental Hazards

Environmentally hazardous: Yes

14.6 Special precautions for user

Tunnel Code: E

Transport category: 3

Section 15: Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008

15.1. Safety, health and environment regulations/ legislation specific for the substance or mixture

National regulations: OE_HP: Listed

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment was performed for all substances of this product.

Section 16: Other information

Phrases used in s.2 and 3:	H318	Causes serious eye damage
	H225	Highly flammable liquid and vapour
	H315	Causes skin irritation.
	H335	May cause respiratory irritation.
	H336	May cause drowsiness or dizziness

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.