

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Product Name: **5603, 5603C, 5603E &5603F** Alcohol Free Hand Gel

Intended Use: PC8: Biocidal products (e.g. Disinfectants, pest control). PC39: Cosmetics personal care products. For hand sanitisation. Ideal for infection control in prevention and control of bacteria

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

Non-hazardous ingredients:

POLYETHYLENE GLYCOL				
EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	25322-68-3	-	-	<5%
POLYHEXAMETHYLENE BIGUANIDE				
-	27083-27-8	Xn: R22; Xi: R36/38; Xi: R41; N: R50/53	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Chronic 1: H410; Aquatic Chronic 3: H412	<5%
AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD.), N,N-BIS(HYDROXYETHYL)				
931-329-6	-	Xi: R36/38	Skin Irrit. 2: H315; Eye Irrit. 2: H319	<5%
C9-11 ALCOHOL ETHOXYLATE WITH 6.5MEO				
-	68439-46-3	Xi: R41; Xn: R22	Acute Tox. 4: H302; Eye Dam. 1: H318	<5%
DIDECYLDIMETHYLAMMONIUM CHLORIDE				
230-525-2	7173-51-5	Xn: R22; C: R34	Acute Tox. 4: H302; Skin Corr. 1B: H314	<5%
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 (EVEN-NUMBERED)-ALKYLDIMETHYL, CHLORIDES				

939-350-2	-	-: R10; Xn: R22; C: R34; N: R50	Skin Corr. 1B: H314; Aquatic Chronic 1: H410; Flam. Liq. 3: H226; Acute Tox. 4: H302	<5%
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3. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification under CHIP: R52/53

Classification Under CLP Aquatic Chronic 3: H412

Most important adverse effects: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Label elements

Label elements under CLP:

Hazard statements H412: Harmful to aquatic life with long lasting effects.

Precautionary statements: P273: Avoid release to the environment.

Label elements under CHIP:

Hazard symbols: Symbol not required.

Risk phrases: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other hazards

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

4. FIRST AID MEASURES

Description of first aid measures

Skin Contact: Not applicable.

Eye Contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Not applicable.

Most important symptoms and effects, both acute and delayed

Skin contact: No symptoms.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

5. FIRE FIGHTING MEASURES

Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be

used. Use water spray to cool containers.
Special hazards arising from the substance or mixture
Exposure hazards: In combustion emits toxic fumes.
Advice for fire-fighters
Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

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.

Environmental precautions

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

Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Reference to other sections

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

7. HANDLING AND STORAGE

Precautions for safe handling

Handling requirements: Not applicable.

Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Specific end use(s)

Specific end use(s): No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

Exposure controls

Respiratory protection: Respiratory protection not required.

Eye protection: Safety glasses. Ensure eye bath is to hand.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

State: Liquid
Colour: Colourless
Odour: Odourless
Viscosity: Viscous

Boiling point/range°C: >35

Other information

Other information: No data available.

10. STABILITY AND REACTIVITY

Reactivity

Reactivity

Stable under recommended transport or storage conditions.

Chemical stability

Chemical stability:

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid

Conditions to avoid:

Heat.

Incompatible materials

Materials to avoid:

Strong oxidising agents. Strong acids.

Hazardous decomposition products

Haz. decomp. products:

In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicity values:

No data available.

Symptoms / routes of exposure

Skin contact:

No symptoms.

Eye contact:

There may be irritation and redness.

Ingestion:

There may be irritation of the throat.

Inhalation:

No symptoms.

12. ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity values:

No data available.

Persistence and degradability

Persistence and degradability:

Biodegradable.

Bioaccumulative potential

Bioaccumulative potential:

No bioaccumulation potential.

Mobility in soil

Mobility:

Readily absorbed into soil.

Results of PBT and vPvB assessment

PBT identification:

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

Other adverse effects

Other adverse effects:

Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

NB:

The user's attention is drawn to the possible

existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

Transport class:

This product does not require a classification for transport.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations:

EU Regulation (EC) No. 1907/2006 (REACH)

Chemical Safety Assessment

Chemical safety assessment:

A chemical safety assessment has been carried out for the substance or the mixture by the supplier.

16. OTHER INFORMATION

Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision

Phrases used in s.2 and s.3:

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

R10: Flammable.

R22: Harmful if swallowed.

R34: Causes burns.

R36/38: Irritating to eyes and skin.

R41: Risk of serious damage to eyes.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R50: Very toxic to aquatic organisms.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legend to abbreviations:

PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig
RBT = rabbit
HAM = hamster
HMN = human
MAM = mammal
PGN = pigeon
IVN = intravenous
SCU = subcutaneous
SKN = skin
DRM = dermal
OCC = ocular
PCP = physico-chemical properties

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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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