

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

Product form : Mixture
Product name : 70% / 30% DENATURED ALCOHOL WIPES
UFI : GR6M-9DKW-1S62-8AAK

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Use of the substance/mixture : Cleaning wipe.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Allied Hygiene Systems Limited
Unit 5
Centurion Way, Erith
DA18 4AF London - United Kingdom
T +44(0)20 8310 4000 - F +44(0)20 8311 5566
admin@alliedhygiene.com

1.4. Emergency telephone number

Emergency number : +44(0)20 8310 4000

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Flammable solids, Category 1 H228
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Flammable solid.

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) : Danger
Hazard statements (CLP) : H228 - Flammable solid.
Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P280 - Wear protective gloves.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

No additional information available

70% / 30% DENATURED ALCOHOL WIPES

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ALCOHOL substance with national workplace exposure limit(s) (GB)	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5	70 – 80	Flam. Liq. 2, H225

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Get medical advice/attention if you feel unwell. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: Move to fresh air in case of accidental inhalation of vapours and keep comfortable for breathing.
First-aid measures after skin contact	: Take off contaminated clothing. Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Not expected to present a significant eye contact hazard under anticipated conditions of normal use. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: As the substrate is a wipe material ingestion is highly unlikely but in the event do not induce vomiting and wash mouth out with water. Get medical advice/attention.

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

Symptoms/effects after inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact	: May cause slight irritation to the skin.
Symptoms/effects after eye contact	: May cause slight irritation.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract. Ingestion may cause nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Dry chemical, CO2, dry sand, or alcohol-resistant foam. Use extinguishing media appropriate for surrounding fire.
------------------------------	---

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable solid.
Explosion hazard	: Product is not explosive.
Reactivity in case of fire	: None known.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire	: Evacuate area.
-----------------------------	------------------

70% / 30% DENATURED ALCOHOL WIPES

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Firefighting instructions	: Exercise caution when fighting any chemical fire.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Ensure adequate ventilation. Eliminate ignition sources.
6.1.1. For non-emergency personnel	
Protective equipment	: Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Eliminate all ignition sources if safe to do so. Ventilate spillage area.
6.1.2. For emergency responders	
Protective equipment	: Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Eliminate all ignition sources if safe to do so. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Pick up solid material. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Use only non-sparking tools. Wash the spillage site with large amounts of water. This material and its container must be disposed of in a safe way, and as per local legislation.
-------------------------	---

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure there is adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a well-ventilated place. Keep container closed when not in use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
Storage area	: Store in a well-ventilated place. Keep away from ignition sources.

7.3. Specific end use(s)

Washing and cleaning products (including solvent based products).

70% / 30% DENATURED ALCOHOL WIPES

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

ALCOHOL (64-17-5)

United Kingdom - Occupational Exposure Limits

Local name	Ethanol
WEL TWA (OEL TWA) [1]	1920 mg/m ³
WEL TWA (OEL TWA) [2]	1000 ppm
Regulatory reference	EH40. HSE

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure adequate ventilation.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Not required for normal conditions of use. Eye protection should only be necessary where liquid could be splashed or sprayed

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves. Standard EN 374 - Protective gloves against chemicals.

Other skin protection

Materials for protective clothing:

Wear suitable working clothes

8.2.2.3. Respiratory protection

Respiratory protection:

Not necessary with sufficient ventilation

70% / 30% DENATURED ALCOHOL WIPES

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Various.
Odour	: Pleasant.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 35 °C
Flash point	: 21 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Flammable solid.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Insoluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Flammable solid. Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Strong acids. Strong oxidizing agents.

70% / 30% DENATURED ALCOHOL WIPES

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

ALCOHOL (64-17-5)

LD50 oral rat	7060 mg/kg
Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Ecology - water	: No data available on ecotoxicity.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

ALCOHOL (64-17-5)

LC50 - Fish [1]	14200 – 15400 mg/l
EC50 - Other aquatic organisms [1]	9000 mg/l

12.2. Persistence and degradability

70% / 30% DENATURED ALCOHOL WIPES

Persistence and degradability	Not established.
-------------------------------	------------------

12.3. Bioaccumulative potential

70% / 30% DENATURED ALCOHOL WIPES

Bioaccumulative potential	Not established.
---------------------------	------------------

70% / 30% DENATURED ALCOHOL WIPES

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.4. Mobility in soil

70% / 30% DENATURED ALCOHOL WIPES

Ecology - soil	No data available.
----------------	--------------------

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other adverse effects	: No known effects from this product.
Additional information	: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number

UN-No. (ADR)	: UN 3175
UN-No. (IMDG)	: UN 3175
UN-No. (IATA)	: UN 3175
UN-No. (ADN)	: UN 3175
UN-No. (RID)	: UN 3175

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (IATA)	: Solids containing flammable liquid, n.o.s.
Proper Shipping Name (ADN)	: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (RID)	: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Transport document description (ADR)	: UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ALCOHOL), 4.1, II, (E)
Transport document description (IMDG)	: UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ALCOHOL), 4.1, II
Transport document description (IATA)	: UN 3175 Solids containing flammable liquid, n.o.s. (ALCOHOL), 4.1, II
Transport document description (ADN)	: UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ALCOHOL), 4.1, II
Transport document description (RID)	: UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ALCOHOL), 4.1, II

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: 4.1
Danger labels (ADR)	: 4.1



70% / 30% DENATURED ALCOHOL WIPES

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

IMDG

Transport hazard class(es) (IMDG) : 4.1
Danger labels (IMDG) : 4.1



IATA

Transport hazard class(es) (IATA) : 4.1
Danger labels (IATA) : 4.1



ADN

Transport hazard class(es) (ADN) : 4.1
Danger labels (ADN) : 4.1



RID

Transport hazard class(es) (RID) : 4.1
Danger labels (RID) : 4.1



14.4. Packing group

Packing group (ADR) : II
Packing group (IMDG) : II
Packing group (IATA) : II
Packing group (ADN) : II
Packing group (RID) : II

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 216, 274, 601
Limited quantities (ADR) : 1kg
Excepted quantities (ADR) : E2
Packing instructions (ADR) : P002, IBC06, R001
Special packing provisions (ADR) : PP9
Mixed packing provisions (ADR) : MP11
Portable tank and bulk container instructions (ADR) : T3, BK1, BK2

70% / 30% DENATURED ALCOHOL WIPES

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Portable tank and bulk container special provisions (ADR) : TP33

Vehicle for tank carriage : AT

Transport category (ADR) : 2

Special provisions for carriage - Packages (ADR) : V11

Special provisions for carriage - Bulk (ADR) : VC1, VC2, AP2

Hazard identification number (Kemler No.) : 40

Orange plates :



Tunnel restriction code (ADR) : E

EAC code : 1Z

Transport by sea

Special provisions (IMDG) : 216, 274

Packing instructions (IMDG) : P002

Special packing provisions (IMDG) : PP9

IBC packing instructions (IMDG) : IBC06

IBC special provisions (IMDG) : B21

Tank instructions (IMDG) : T3, BK2

Tank special provisions (IMDG) : TP33

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-I

Stowage category (IMDG) : B

Properties and observations (IMDG) : Mixtures of non-dangerous solids (such as soil, sand, production materials etc.) and flammable liquids.

Air transport

PCA Excepted quantities (IATA) : E2

PCA Limited quantities (IATA) : Y441

PCA limited quantity max net quantity (IATA) : 5kg

PCA packing instructions (IATA) : 445

PCA max net quantity (IATA) : 15kg

CAO packing instructions (IATA) : 448

CAO max net quantity (IATA) : 50kg

Special provisions (IATA) : A46

ERG code (IATA) : 3L

Inland waterway transport

Classification code (ADN) : F1

Special provisions (ADN) : 216, 274, 601, 800

Limited quantities (ADN) : 1 kg

Excepted quantities (ADN) : E2

Carriage permitted (ADN) : B

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01, VE03

Provisions for inspection of holds during carriage (ADN) : IN01, IN02

Number of blue cones/lights (ADN) : 1

Additional requirements/Remarks (ADN) : VE03, IN01 and IN02 apply only when this substance is carried in bulk or without packaging

Rail transport

Classification code (RID) : F1

Special provisions (RID) : 216, 274, 601

Excepted quantities (RID) : E2

Packing instructions (RID) : P002, IBC06, R001

Special packing provisions (RID) : PP9

Mixed packing provisions (RID) : MP11

Portable tank and bulk container instructions (RID) : T3, BK1, BK2

Portable tank and bulk container special provisions (RID) : TP33

70% / 30% DENATURED ALCOHOL WIPES

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Transport category (RID) : 2
Special provisions for carriage – Packages (RID) : W1
Special provisions for carriage – Bulk (RID) : VC1, VC2, AP2
Colis express (express parcels) (RID) : CE11
Hazard identification number (RID) : 40

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements

Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H228	Flammable solid.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.