



MOURNE DEW DISTILLERY SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), Annex II as amended

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**
Trade name Alcoholic Beverage Spirits (24-70% ABV)
Irish Grain Whiskey
Irish Malt Whiskey
Irish Gin
Irish Poitin
New make grain and malt Spirit
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified use(s) Alcoholic beverage manufacture
- 1.3 Details of the supplier of the safety data sheet**
Company Identification Mourne Dew Distillery Ltd
Milltown East Industrial Estate,
Warrenpoint
Newry
Northern Ireland.
Telephone +44 7828042041
E-Mail (competent person) hello@mouredew.com
- 1.4 Emergency telephone number**
Emergency Phone No. +44 7768146123

2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
2.1.1 Regulation (EC) No. 1272/2008 (CLP)
Hazard statement(s) Flam. Liq. 3, Eye Irrit. 2
H226: Flammable liquid and vapour.
H319: Causes serious eye irritation.
- 2.2 Label elements**
Hazard pictogram(s) According to Regulation (EC) No. 1272/2008 (CLP)
 
Signal word(s) WARNING
Hazard statement(s) Flammable liquid and vapour
Causes serious eye irritation.
Precautionary statement(s) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Wear eye/face protection.
If eye irritation persists, get medical advice/attention.
- 2.3 Other hazards** None

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.2 Mixtures**
Description: Aqueous preparation containing the hazardous components listed below.

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Dangerous components
EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Hazard statement(s)
Ethanol	24 - 70	64-17-5	271-365-3	Not available.	Flam. Liq. 2; H225 Eye Irrit. 2; H319

3.3 Additional Information

For full text of R phrases see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation
Skin Contact
Eye Contact

Remove persons affected by vapour to fresh air.
Wipe off with a tissue. Remove contaminated clothing.
IF IN EYES: 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.
Treat symptomatically. Do NOT induce vomiting.

Ingestion

4.2 Most important symptoms and effects, both acute and delayed

Inebriation, Central nervous system depression, Loss of coordination, Unconsciousness.

4.3 Indication of the immediate medical attention and special treatment needed

None.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media
Unsuitable Extinguishing Media

Foam, CO₂ or dry powder.
Direct water jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released: Carbon oxides (CO_x).

5.3 Advice for fire-fighters

Use fire-extinguishing methods suitable to surrounding conditions.
Wear full protective suit and self-contained breathing apparatus when extinguishing fires.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Remove all ignition sources. Ventilate area. Isolate spillage and clean up immediately.
Refer to Section 8 for protective measures when handling the spillage.

6.2 Environmental precautions

No special measures are required.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material.
Dispose of contaminated material as waste according to Section 13.

6.4 Reference to other sections

8, 13

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7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Keep away from heat, sparks, open flame, hot surfaces - No smoking.
Ground/bond container and receiving equipment.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep out of reach of children.
Store in a well-ventilated place. Keep cool.
Keep container tightly closed.
- 7.3 Specific end use(s)** Alcoholic beverage manufacture.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Ethanol	64-17-5	-	-	1000	-	If OELV
Ethanol	64-17-5	1,000	1920	-	-	UK WEL

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Use explosion-proof electrical/ventilating/lighting/equipment.

8.2.2 Personal protection equipment

Eye/face protection

Safety spectacles/goggles/full face shield.

Hand protection

Not normally required

Body protection

Not normally required

Respiratory protection

Not normally required

8.2.3 Environmental Exposure Controls

No special measures are required.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear Liquid
Colour	Colourless - Amber.
Odour	Characteristic.
Odour Threshold (ppm)	Not determined.
pH (Value)	Not determined.
Melting Point (°C) / Freezing Point (°C)	Not determined.
Boiling point/boiling range (°C):	Not determined.
Flash Point (°C)	~ 23 - 35
Evaporation rate (BA = 1)	Not available.
Flammability (solid, gas)	Not applicable.
Explosive limit ranges (Ethanol)	3.3 – 19%
Vapour Pressure	Not determined
Vapour Density (Air=1)	Not determined
Density (g/ml)	~ 0.90
Solubility (Water)	Soluble.
Solubility (Other)	Not determined

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Partition Coefficient (n-Octanol/water)	Not determined
Auto Ignition Temperature (°C)	Not determined
Decomposition Temperature (°C)	Not determined
Viscosity	Not determined
Explosive properties	Not explosive.
Oxidising properties	Not oxidising
9.2 Other information	Not available

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	May form explosive mixture with air particularly in enclosed spaces.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Hazardous polymerization will not occur.
10.4 Conditions to avoid	Keep away from flames and hot surfaces.
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous Decomposition Product(s)	None known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.2 Mixtures

Acute toxicity	Based upon the available data, the classification criteria are not met.
Skin corrosion/irritation	Based upon the available data, the classification criteria are not met.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory/skin sensitization	Based upon the available data, the classification criteria are not met.
Germ cell mutagenicity	Based upon the available data, the classification criteria are not met.
Carcinogenicity	Based upon the available data, the classification criteria are not met.
Reproductive toxicity	Based upon the available data, the classification criteria are not met.
STOT-single exposure	Based upon the available data, the classification criteria are not met.
STOT-repeated exposure	Based upon the available data, the classification criteria are not met.
Aspiration hazard	Based upon the available data, the classification criteria are not met.

Health Effects and Symptoms

Inhalation	No significant harmful effects anticipated.
Skin Contact	No significant harmful effects anticipated.
Eye Contact	Causes serious eye irritation.
Ingestion	The following may occur: Inebriation, Central nervous system depression, Loss of coordination, Unconsciousness.

11.2 Other information	No information available
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12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	The product does not contain significant quantities of ingredients that are environmentally toxic.
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12.2 Persistence and degradability	The product is biodegradable.
12.3 Bioaccumulative potential	None anticipated.
12.4 Mobility in soil	The product is predicted to have high mobility in soil.
12.5 Results of PBT and vPvB assessment	Not relevant for this material.
12.6 Other adverse effects	No information available

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	
Product:	This must be disposed of in compliance with anti-pollution and other laws of the country concerned. Contact your local service providers for further information.
Packaging:	Disposal must be made in accordance with local waste management regulations. Packaging materials may be recycled. Contact your local service providers for further information.

14. SECTION 14: TRANSPORT INFORMATION

	ADR/RID	IMDG	ICAO/IATA
14.1 UN number	UN 3065	UN 3065	UN 3065
14.2 Proper Shipping Name	ALCOHOLIC BEVERAGES	ALCOHOLIC BEVERAGES	ALCOHOLIC BEVERAGES
14.3 Transport hazard class(es)	Class 3, Flammable Liquid 	Class 3, Flammable Liquid 	Class 3, Flammable Liquid 
14.4 Packing Group	III	III	III
14.5 Environmental hazards	Not applicable	Not applicable	Not applicable
14.6 Special precautions for user	Not applicable	Not applicable	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

14.8 Additional Information	SP 145: Not subject to ADR/RID/IMDG transport regulations when carried in receptacles of not more than 250 L. SP A9: Not subject to ICAO/IATA transport regulations when carried as cargo in receptacles of not more than 5L.
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15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	None.
15.2 Chemical Safety Assessment	No Chemical Safety Assessment has been carried out.

16. SECTION 16: OTHER INFORMATION

LEGEND

STOT	Specific Target Organ Toxicity
STEL	Short Term Exposure Limit

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LTEL Long Term Exposure limit
TWA Time Weighted Average

Classification code(s):

Flam. Liq. 2 Flammable liquid; Category 2
Flam. Liq. 3 Flammable liquid; Category 3
Eye Irrit. 2 Eye irritant; Category 2

Hazard statement(s)

H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.

Additional Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.