



Rum (Ethanol Solution) above 70% vol

Safety Data Sheet

according to the Model Work Health and Safety Regulations
Issue date: 7/12/2020 Revision date: 8/03/2022 Supersedes: 7/12/2020 Version: 2.0

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
Product name : Rum (Ethanol Solution) above 70% vol

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

No additional information available

1.4. Details of manufacturer or importer

E&A Scheer B.V.
Deccaweg 22
Amsterdam 1042 AD
The Netherlands
T +31 (0)20 624 34 12 - F +31 (0)20 622 09 76
info@rum.nl - www.rum.nl

1.5. Emergency phone number

Country	Organisation/Company	Address	Emergency number	Comment
Australia	NSW Poisons Information Centre The Children's Hospital at Westmead	Locked Bag 4001 NSW 2145 Westmead	13 11 26	

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 2 H225
Serious eye damage/eye irritation, Category 2A H319

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Flame

Exclamation
mark

Signal word (GHS AU) :

Danger

Hazard statements (GHS AU) :

Highly flammable liquid and vapour
Causes serious eye irritation

Precautionary statements (GHS AU) :

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read carefully and follow all instructions.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof electrical, ventilating, lighting equipment.
Wash hands thoroughly after handling.

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Wear eye protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
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.
In case of fire: Use foam, Dry powder, carbon dioxide (CO₂), Water spray, sand to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

Name	CAS-No.	Conc. (% w/w)	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
ethanol; ethyl alcohol	64-17-5	70 - ≤ 100	Flam. Liq. 2, H225 Eye Irrit. 2A, H319
Other substances (not contributing to the classification of this product)	-	0 - 30	-

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact : Rinse skin with water/shower. Remove contaminated clothes. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 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 : Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects after skin contact : Prolonged or repeated contact may cause skin to become dry or cracked.
Symptoms/effects after eye contact : Causes serious eye irritation.

4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : Highly flammable liquid and vapour.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : For further information, refer to section 10 : "Stability and Reactivity".

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5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Hazchem Code	: * 2YE
Other information	: Prevent fire fighting water from entering the environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel. No open flames, no sparks, and no smoking.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Do not allow to enter drains or water courses.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Mechanically recover the product. Notify authorities if product enters sewers or public waters.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Concerning personal protective equipment to use, see section 8. Provide good ventilation in process area to prevent formation of vapour. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Heat and ignition sources : Keep away from heat and direct sunlight.

Packaging materials : Store in glass, stainless steel, plastic or epoxy lined receptacles. Unsuitable materials: copper, Aluminium.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

ethanol; ethyl alcohol (64-17-5)

Australia - Occupational Exposure Limits

Local name	Ethyl alcohol (Ethanol)
OES TWA [1]	1880 mg/m ³
OES TWA [2]	1000 ppm

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ethanol; ethyl alcohol (64-17-5)

Regulatory reference	Workplace exposure standards for airborne contaminants (2019)
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8.2. Biological Monitoring

No additional information available

8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment	: Safety glasses.
Hand protection	: In case of repeated or prolonged contact wear gloves. Polyvinylchloride (PVC). 0.11 mm. EN 374
Eye protection	: Safety glasses. DIN EN 166
Skin and body protection	: Wear suitable protective clothing. CEN : EN 340; EN 369; EN 465
Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation wear respiratory protection. EN 143

Personal protective equipment symbol(s)



Environmental exposure controls	: Avoid release to the environment.
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: various colors
Odour	: characteristic
Odour threshold	: No data available
pH	: 4 – 8.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point: -130 – -112 °C
Boiling point	: > 78.3 °C
Flash point	: < 21 °C (70%) 70 %vol. 21°C 75 %vol. 20,5°C 80 %vol. 20°C 85 %vol. 18,5°C 90 %vol. 16,5°C 95 %vol. 14°C
Auto-ignition temperature	: 363 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: Vapour pressure: 3.3 – 19 % v/v
Relative density	: Relative vapour density at 20 °C: 59
Density	: Relative density: 70 %vol. 0,88556 75 %vol. 0,87279 80 %vol. 0,85927 85 %vol. 0,84485 90 %vol. 0,82918 95 %vol. 0,81138
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Explosive properties	: No data available
Explosive limits	: No data available

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Minimum ignition energy : No data available
Fat solubility : No data available

SECTION 10: Stability and reactivity

Reactivity : Highly flammable liquid and vapour.
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : No dangerous reactions known.
Conditions to avoid : Extremely high or low temperatures. Keep out of direct sunlight. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials : Strong oxidizing agents.
Hazardous decomposition products : Combustion generates: Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

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

ethanol; ethyl alcohol (64-17-5)	
LD50 oral rat	7060 mg/kg
LD50 oral	10470 mg/kg bodyweight
LD50 dermal	15800 mg/kg bodyweight
LC50 Inhalation - Rat	133.8 mg/l/4h
LC50 Inhalation - Rat (Dust/Mist)	> 99999 mg/l

Skin corrosion/irritation : Not classified
pH: 4 – 8.5
Serious eye damage/irritation : Causes serious eye irritation.
pH: 4 – 8.5
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified
Other information : Avoid release to the environment.

ethanol; ethyl alcohol (64-17-5)	
LC50 - Fish [1]	14200 mg/l
EC50 - Crustacea [1]	5463 mg/l
EC50 - Other aquatic organisms [1]	5012 mg/l waterflea
EC50 - Other aquatic organisms [2]	275 mg/l

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ethanol; ethyl alcohol (64-17-5)	
ErC50 algae	1000 mg/l
NOEC chronic crustacea	9.6 mg/l
Partition coefficient n-octanol/water (Log Pow)	-0.32

12.2. Persistence and degradability

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Persistence and degradability	Not established.

12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.

ethanol; ethyl alcohol (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	-0.32

12.4. Mobility in soil

ethanol; ethyl alcohol (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	-0.32

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available

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Fluorinated greenhouse gases	False

ethanol; ethyl alcohol (64-17-5)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Additional information : Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. Flammable vapours may accumulate in the container.
Ecology - waste materials : Avoid release to the environment.




SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
3065	3065	3065
14.2. UN Proper Shipping Name		
ALCOHOLIC BEVERAGES	ALCOHOLIC BEVERAGES	Alcoholic beverages
14.3. Transport hazard class(es)		
3	3	3

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ADG	IMDG	IATA
		
14.4. Packing group		
II - substances presenting medium danger	II	II
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

UN-No. (ADG) : 3065
Special provision (ADG) : 146
Limited quantities (ADG) : 5I
Excepted quantities (ADG) : E2
Packing instructions (ADG) : P001, IBC02
Special packing provisions (ADG) : PP2
Portable tank and bulk container instructions (ADG) : T4
Portable tank and bulk container special provisions (ADG) : TP1

Transport by sea

UN-No. (IMDG) : 3065
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E2
Packing instructions (IMDG) : P001
Special packing provisions (IMDG) : PP2
IBC packing instructions (IMDG) : IBC02
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage) : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS
Stowage category (IMDG) : A
Flash point (IMDG) : -13°C c.c. or greater
Properties and observations (IMDG) : Aqueous solutions of ethanol produced and supplied as alcoholic beverages. Miscible with water. Flashpoint: -13°C c.c. or greater
MFAG-No : 127

Air transport

UN-No. (IATA) : 3065
PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y341
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 353
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 364
CAO max net quantity (IATA) : 60L
ERG code (IATA) : 3L

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14.8. Hazchem or Emergency Action Code

Hazchem Code : * 2YE

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

15.2. International agreements

No additional information available

SECTION 16: Other information

Indication of changes

Section	Changed item	Change	Comments
	Supersedes	Added	
	Revision date	Added	
	Excepted quantities (ADG)	Added	
	Special packing provisions (ADG)	Added	
	Limited quantities (ADG)	Modified	
	Special provision (ADG)	Modified	
	Flash point (IMDG)	Added	
	Proper Shipping Name (IATA)	Modified	
	Properties and observations (IMDG)	Modified	
	Proper Shipping Name (IMDG)	Modified	
	Limited quantities (IMDG)	Modified	
1.1	Name	Modified	
2.2	Precautionary statements (GHS AU)	Modified	
3	Composition/information on ingredients	Modified	
4.1	First-aid measures after eye contact	Modified	
4.2	Symptoms/effects after eye contact	Added	
4.2	Symptoms/effects after skin contact	Added	
5.3	Protection during firefighting	Added	
6.1	Protective equipment	Added	
6.1	Emergency procedures	Added	
6.2	Environmental precautions	Added	
6.3	Methods for cleaning up	Added	
7.1	Precautions for safe handling	Added	
7.1	Hygiene measures	Added	
7.2	Storage conditions	Added	
8.2	Environmental exposure controls	Added	
9.1	Relative density	Modified	

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Indication of changes			
Section	Changed item	Change	Comments
9.1	Flash point	Modified	
14.1	UN-No. (ADG)	Modified	
14.1	UN-No. (IATA)	Modified	
14.1	UN-No. (IMDG)	Modified	
14.2	Proper Shipping Name (ADG)	Modified	
14.6	Special packing provisions (IMDG)	Added	
16	Abbreviations and acronyms	Modified	

Data sources	: ECHA (European Chemicals Agency). according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.
Abbreviations and acronyms	: CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 PBT - Persistent Bioaccumulative Toxic vPvB - Very Persistent and Very Bioaccumulative ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road IATA - International Air Transport Association IMDG - International Maritime Dangerous Goods RID - Regulations concerning the International Carriage of Dangerous Goods by Rail LC50 - Median lethal concentration LD50 - Median lethal dose SDS - Safety Data Sheet CAS - CAS (Chemical Abstracts Service) number EG-nr - EINECS- en ELINCS-number EINECS - European Inventory of Existing Commercial Substances GHS - GHS: Globally Harmonized System of Classification and Labelling of Chemicals
Revision date	: 08/03/2022
Other information	: REACH Disclaimer: This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Classification	
Flam. Liq. 2	H225
Eye Irrit. 2A	H319

Full text of H-statements	
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation

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