



Rum (Ethanol Solution) between 24% and 70% vol

Safety Data Sheet

according to the Model Work Health and Safety Regulations
Issue date: 8/03/2022 Version: 1.0

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
Product name : Rum (Ethanol Solution) between 24% and 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
NL- 1042 AD Amsterdam
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.

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Use explosion-proof electrical, ventilating, lighting equipment.
Wash hands thoroughly after handling.
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 | ≥ 24 - < 70 | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 |
| Other substances (not contributing to the classification of this product) | - | 30 – 76 | - |

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.

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

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 : * 2Y
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) |
|------------|-------------------------|

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| ethanol; ethyl alcohol (64-17-5) | |
|----------------------------------|---|
| OES TWA [1] | 1880 mg/m ³ |
| OES TWA [2] | 1000 ppm |
| Regulatory reference | Workplace exposure standards for airborne contaminants (2019) |

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%)
35 %vol. 27,5°C
40 %vol. 26°C
45 %vol. 25°C
50 %vol. 24°C
55 %vol. 23°C
60 %vol. 22°C
65 %vol. 21,5°C
70 %vol. 21°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

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| | |
|---|--|
| Density | : Relative density: 35 %vol. 0,95559 40 %vol. 0,94805 45 %vol. 0,93954 55 %vol. 0,91996 60 %vol. 0,90911 65 %vol. 0,89765 70 %vol. 0,88556 |
| Solubility | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Explosive properties | : No data available |
| Explosive limits | : No data available |
| 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, CO ₂). |

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 |
|--|------------------|

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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 |
| 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

| Rum (Ethanol Solution) between 24% and 70% vol | |
|--|------------------|
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| Rum (Ethanol Solution) between 24% and 70% vol | |
|--|------------------|
| 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 |

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| ADG | IMDG | IATA |
|---|---|---|
| 14.2. UN Proper Shipping Name | | |
| ALCOHOLIC BEVERAGES | ALCOHOLIC BEVERAGES | Alcoholic beverages |
| 14.3. Transport hazard class(es) | | |
| 3 | 3 | 3 |
|  |  |  |
| 14.4. Packing group | | |
| III - substances presenting low danger | III | III |
| 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) : 144, 145, 247
Limited quantities (ADG) : 5l
Excepted quantities (ADG) : E1
Packing instructions (ADG) : P001, IBC03
Special packing provisions (ADG) : PP2
Portable tank and bulk container instructions (ADG) : T2
Portable tank and bulk container special provisions (ADG) : TP1

Transport by sea

UN-No. (IMDG) : 3065
Special provisions (IMDG) : 144, 145, 247
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001
Special packing provisions (IMDG) : PP2
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T2
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

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Properties and observations (IMDG) : Alcoholic beverages containing more than 24% alcohol but not more than 70% by volume, when transported as part of the manufacturing process, may be transported in wooden barrels with a capacity of more than 250 litres and not more than 500 litres meeting the general requirements of 4.1.1, as appropriate, on the following conditions: 1. the wooden barrels should be checked and tightened before filling; 2. sufficient ullage (not less than 3%) should be left to allow for the expansion of the liquid; 3. the wooden barrels should be transported with the bungholes pointing upwards; 4. the wooden barrels should be transported in containers meeting the requirements of the International Convention for Safe Containers (CSC), as amended. Each wooden barrel should be secured in custom-made cradles and should be wedged by appropriate means to prevent them from being displaced in any way during transport; and 5. when carried on board ships, the containers should be stowed in open cargo spaces or in enclosed cargo spaces complying with the requirements for class 3 flammable liquids with a flashpoint of 23°C c.c. or less in regulation II-2/19 of SOLAS, 74, as amended.

MFAG-No : 127

Air transport

UN-No. (IATA) : 3065
PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A9, A58
ERG code (IATA) : 3L

14.8. Hazchem or Emergency Action Code

Hazchem Code : * 2Y

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

Data sources : ECHA (European Chemicals Agency). according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

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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

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 |

This Safety Data Sheet is compiled by: ChemPros B.V. | +31(0)797676006 | info@chemprosbv.nl