



Date
16/04/2021

SAFETY DATA SHEET

RAIN BUSTER



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

TRADENAME : RAINBUSTER
Art.nr : 687401 - 150 ML
Manufacturer / Supplier : Zwaalweg 16
Country code / Postal code / Town : 2991ZC Barendrecht The Netherlands
Telephone / fax : TEL: +31 (0) 1806-99234 +31 (0) 1806-99235
Contact : De heer R. Maundrell info@maumo.nl
Emergencies : +31 (0) 610022373 alleen buiten kantooruren (kantooruren 08:00 - 17:00)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008) Physical and Chemical Hazard
Classification (1999/45/EEC) - N/A

Not classified as hazardous in accordance with (Ec) No. 1272/2008

2.2. Label elements

Label In Accordance With (Ec) No. 1272/2008

Signal Word : Not applicable
Hazard Statements : Not applicable
Hazard Pictogram : Not applicable

Precautionary Statements

P102: Keep out of reach of children

Supplementary Precautionary Statements : Not applicable

2.3. Other hazards

None.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ethanol		5.0-10%
CAS-No.: 64-17-5	EC No.: 200-578-6	Registration Number: 01-2119457610-43-xxxx
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Flam. Liq. 2 - H225	F:R11	
Eye Irrit. 2 - H319		
Sodium N-(2-carboxyethyl)-N-(2-ethylhexyl)-β-alaninate		0.4-2.0%
CAS-No.: 94441-92-6	EC No.: 305-318-6	Registration Number:
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Irrit. 2, H315	Xi:R38	
Eye Dam. 1, H318		
Alcohols,C12-14,ethoxylated,sulfates, sodium salts		0.4-0.8%
CAS-No.: 68891-38-3	EC No.:	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Irrit. 2 - H315	Xi:R38-41	
Eye Dam. 1 - H318		

The Full Text for all R-Phrases is Hazard Statements are Displayed in Section 16

REACH Registration Notes

This material is a mixture. All components have been registered under REACH by the Manufacturer or Supplier.

Composition Comments

Preparation

4. FIRST-AID MEASURES

4.1. Description of first aid measures

General Information

Remove affected person from source of contamination.

General first aid; rest, warmth and fresh air.

Inhalation

Remove victim immediately from source of exposure.

Place unconscious person on the side in the recovery position and ensure breathing

Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion

DO NOT INDUCE VOMITING!

When risk of unconsciousness, place and transport the victim in secured side position. Get medical attention if any discomfort continues.

Never give liquid to an unconscious person.

Skin Contact

Remove affected person from source of contamination.

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye Contact

Make sure to remove any contact lenses from the eyes before rinsing.

Promptly wash eyes with plenty of water while lifting the eye lids.

Continue to rinse for at least 15 minutes.

Get medical attention if any discomfort continues.

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

General Information

Follow advice given in section 4.1

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

Treat symptomatically.

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable Extinguishing Media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Vapours are heavier than air and may spread near ground to sources of ignition.

Gas / vapour flammable with air within explosion limits

Specific Hazards

Heating may generate vapours which may form explosive vapour/air mixtures.

5.3. Advice for fire-fighters

Special Fire Fighting Procedures Avoid breathing fire vapours.

Use water to keep fire exposed containers cool and disperse vapours.

Keep run-off water out of sewers and water sources. Dike for water control.

Protective Measures In Fire

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Protect drains by covering to avoid any spillage entering the drainage system. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

Contain spillage

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Use explosion proof electric equipment.

Static electricity and formation of sparks must be prevented.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Keep out of direct sunlight

Storage Class

None.

7.3. Specific end use(s)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
Ethanol	WEL	1000 ppm	1920 mg/m ³	No std.

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective Equipment



Engineering Measures

Provide adequate general and local exhaust ventilation.

Respiratory Equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand Protection

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye Protection

Wear approved safety goggles.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

Wash promptly with soap & water if skin becomes contaminated. DO NOT SMOKE IN WORK AREA!

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Green
Odour	Faint odour of alcohol
Solubility	Soluble in: Water Acetone Ethanol.
Relative Density	0.98 @ 20 °c
Bulk Density	980 kg/m ³
Vapour Density (Air=1)	>1
Vapour Pressure	>20 20
pH-Value, Conc. Solution	7
Flash Point (°C)	62 °C cc (Closed cup).

9.2. Other information

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with acids, aldehydes, Iso cyanates. Strong oxidising agents.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials To Avoid

Oxidising agents Acids

10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Toxicological Information

No data available

General Information

No specific health warnings noted.

Ingestion.

There may be some irritation to the throat.

Skin Contact

Slightly irritating.

Eye Contact

May cause temporary eye irritation and redness.

12. ECOLOGICAL INFORMATION**Eco-toxicity:**

There are no data on the eco-toxicity of this product.

12.1. Toxicity

LC 50, 96 Hrs, Fish mg/L 12900-15300 (Ethanol)

12.2. Persistence and degradability

There is no data on the persistence or degradability of this product.

12.3. Bio-accumulative potential

No data available on the bio-accumulative potential of this product.

12.4. Mobility in soil

Mobility: The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Not classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

None

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

This material must be disposed of via an Authorised Waste/Disposal Company in accordance with Local and or National Waste Disposal Regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous

14.1. UN number

Not regulated

14.2 UN Proper shipping name

Not Applicable

14.3 Transport hazard class

Not Applicable

14.4. Packing group

Not Applicable

14.5. Environmental hazards

Not Applicable

14.6. Special precautions for user

Not classified under the sense of this regulation

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

15. REGULATORY INFORMATION

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

Uk Regulatory References

Health and Safety at Work Act 1974.

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

Control of Substances Hazardous to Health.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Dangerous Substance Directive 67/548/EEC

Regulation (EC) No

1272/2008 CLP Regulation

(EC) No 1907/2006 REACH

15.2. Chemical Safety Assessment

16. OTHER INFORMATION

Information Sources

Fire and Related Properties of Industrial Chemicals, Fire Protection Association.

Revision Comments

Classification in line with CLP

Issued By Technical Team

Revision Date 16/04/2021

Revision 3

SDS No. SHX

Safety Data Sheet Status Approved

Date 24/06/08

Risk Phrases In Full

R11	Highly flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.

Hazard Statements In Full

H225	Highly flammable liquid and vapour
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.