

Mouldlife Ltd
Unit D + E Anglian Lane
Bury St Edmunds, Suffolk
IP32 6SR, United Kingdom

Website: www.mouldlife.co.uk
Telephone: +44 (0)1638 750 679

Mouldlife

MOULDING • CASTING • PROTOTYPING • SFX

Safety Data Sheet

Super Baldiez

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier: Super Baldiez

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against: Identified uses various

1.3 Supplier:

Mouldlife Limited,
Unit D + E, Anglian Lane, Bury St Edmunds
IP32 6SR, Suffolk
Telephone: +44 (0) 1638 750 679

1.4 Emergency Telephone Number: +44 (0) 1638 750 679

Section 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification

Physical hazards: Flam. Liq. 2 - H225

Health hazards Eye: Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards: Not Classified

2.2 Label Elements:

Pictogram



Signal word: Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge. P261 Avoid breathing vapour/spray.

P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell. P337+P313 If eye irritation persists: Get medical advice/attention. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

P501 Dispose of contents/container in accordance with national regulations.

Contains: ethyl acetate

2.3 Other Hazards

Section 3: Composition/information on ingredients

3.2 Mixtures

ethanol			30 - 60%
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 2119457610-43-XXXX	01-
Classification Flam. Liq. 2 - H225		Classification (67/548/EEC or 1999/45/EC) F; R11	
ethyl acetate			30 - 60%
CAS number: 141-78-6	EC number: 205-500-4	REACH registration number: 2119475103-46-XXXX	01-
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		Classification (67/548/EEC or 1999/45/EC) F; R11. Xi; R36. R66, R67	

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

Section 4: First aid measures

4.1 Description of First Aid Measures

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.

Skin contact: Take off immediately all contaminated clothing and wash it before reuse. Get medical attention if irritation persists after washing.

Eye contact: Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes.

Remove any contact lenses and open eyelids wide apart. Get medical attention.

Protection of first aiders: First aid personnel should wear appropriate protective equipment during any rescue. For personal protection, see Section 8.

4.2 Most Important symptoms and effects, both acute and delayed

General information: No specific symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Get medical attention. May be harmful if inhaled. Causes skin and eye irritation.

Section 5: Firefighting measures

5.1 Extinguishing Media:

Suitable extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media: Do not use the following: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special Hazards Arising from the Substance or Mixture

Specific hazards: In case of fire: Very toxic gases or vapours. See Section 10.3 (Possibility of hazardous reactions) for further information.

5.3 Advice for Fire-Fighters:

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Control run-off water by containing and keeping it out of sewers and watercourses.

Section 6: Accidental release measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Personal precautions: Avoid contact with skin and eyes. Take care as floors and other surfaces may become slippery. Wear protective clothing, gloves, eye and face protection.

6.2 Environmental Precautions: Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3 Methods and Material for Containment and Cleaning Up:

Methods for cleaning up:

Small Spillages: Contain and absorb spillage with sand, earth or other non-combustible material.

Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material.

6.4 Reference to Other Sections: For personal protection, see Section 8. For waste disposal, see Section 13.

Section 7: Handling and storage

7.1 Precautions for Safe Handling:

Usage precautions Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients. Avoid contact with skin, eyes and clothing.

7.2 Conditions for Safe Storage, including any Incompatibilities:

Storage precautions Stable at normal ambient temperatures and when used as recommended. Do not store near heat sources or expose to high temperatures.

7.3 Specific end use(s): The identified uses for this product are detailed in Section 1.2.

Section 8: Exposure controls/personal protection

8.1 Control Parameters:

Occupational Exposure Limits: Ethanol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³ ethyl acetate

Long-term exposure limit (8-hour TWA): WEL 200 ppm Short-term exposure limit (15-minute):

WEL 400 ppm

WEL = Workplace Exposure Limit 8.2.

Exposure Controls:

Protective equipment



Appropriate engineering controls: Provide adequate ventilation. Avoid contact with skin and eyes.

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

Eye/face protection: The following protection should be worn: Chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection: It is recommended that chemical-resistant, impervious gloves are worn. Wear protective gloves made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection: Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection: If ventilation is inadequate, suitable respiratory protection must be worn. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Gas filter, type A2. Gas filter, type AX.

Section 9: Physical and chemical properties

9.1 Information on basic Physical and chemical properties:

Appearance: Liquid.

Colour: Colourless to pale yellow.

Odour: Solvent.

Odour threshold: Not determined.

pH: Not determined.

Melting point: Not determined.

Initial boiling point and range: 77°C Solvent.

Flash point: CC (Closed cup). -4

Evaporation rate: Not determined.

Evaporation factor: Not determined.

Flammability (solid, gas): Not determined.

Upper/lower flammability or explosive limits: Lower flammable/explosive limit: 2% Upper flammable/explosive limit: 12%

Other flammability: Not determined.

Vapour pressure: Not determined.

Vapour density: Not determined.

Relative density: 0.935 - 0.945 @ 20°C

Solubility(ies): Insoluble in water.

Partition coefficient: Not determined.

Auto-ignition temperature: 427°C Solvent.

Decomposition Temperature: Not determined.

Viscosity: Viscous liquid.

Oxidising properties: Does not meet the criteria for classification as oxidising.

9.2. Other information: Note: These are typical values and do not constitute a specification.

Section 10: Stability and reactivity

10.1 Reactivity: Stable at normal ambient temperatures and when used as recommended.

10.2 Chemical Stability: Stable at normal ambient temperatures and when used as recommended.

10.3 Possibility of Hazardous Reactions: None known.

10.4 Conditions to Avoid: Containers can burst violently or explode when heated, due to excessive pressure build-up. Avoid contact with acids.

10.5 Incompatible Materials: Materials to avoid: Strong oxidising agents.

10.6 Hazardous Decomposition Products: Heating may generate the following products: Carbon monoxide (CO). Nitrous gases (NOx).

Section 11: Toxicological information

11.1 Information on toxicological effects:

Toxicological information on ingredients: Ethanol

Acute toxicity - oral:

Acute toxicity oral (LD50 mg/kg): 7,060.0

Species: Rat

ATE oral (mg/kg): 7,060

Carcinogenicity:

IARC carcinogenicity: IARC Group 1 Carcinogenic to humans.

ethyl acetate

Acute toxicity - oral:

Acute toxicity oral (LD50 mg/kg): 5,620.0

Species: Rat

ATE oral (mg/kg): 5,620

Section 12: Ecological information

12.1 Toxicity

12.2 Persistence and Degradability: The product is moderately biodegradable.

12.3 Bioaccumulative Potential: The product is not bioaccumulating.

Partition coefficient: Not determined.

12.4 Mobility in Soil

12.5 Results of PBT and vPvB Assessment: This product does not contain any substances classified as PBT or vPvB.

12.6 Other Adverse Effects

Section 13: Disposal considerations

13.1 Waste treatment methods

General information: Dispose of waste to licensed waste disposal site in accordance with the

requirements of the local Waste Disposal Authority. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

Section 14 : Transport information

14.1. UN number

UN No. (ADR/RID) 1866

UN No. (IMDG) 1866

UN No. (ICAO) 1866

UN No. (ADN) 1866

14.2. UN proper shipping name

Proper shipping name (ADR/RID): RESIN SOLUTION

Proper shipping name (IMDG): RESIN SOLUTION

Proper shipping name (ICAO): RESIN SOLUTION

Proper shipping name (ADN): RESIN SOLUTION

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3



Transport labels

14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ADN packing group II

ICAO packing group II

14.5. Environmental hazards: Environmentally hazardous substance/marine pollutant No.

14.6 Special Precautions for User:

EmS F-E, S-E

ADR transport category 2

Emergency Action Code •3YE

Hazard Identification Number 33 (ADR/RID)

Tunnel restriction code (D/E)

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Section 15: Regulatory information

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

National regulations: The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.

EU legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

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 (as amended).

15.2 Chemical Safety Assessment

Section 16: Other information

Revision date: 25/04/2015

Revision: 05

SDS number: 4683

Hazard statements in full:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.