

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

1.1 Product identifier

Product Name	Repelex DS1130-5
Trade Name	Repelex DS1130-5
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Coating
Uses Advised Against	Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification	Diamondyze UK Ltd
Address of Manufacturer	Unit 4A(4) Adlington Estate Adlington Cheshire SK10 4NL UK
Postal code	SK10 4NL
Telephone:	+44 (0)1625 403032
Fax	Not known.
E-mail	sales@diamondyze.co.uk
Office hours	09:00 - 17:00

Supplier

Company Identification	Diamondyze UK Ltd
Address of Supplier	Unit 4A/4,, Adlington Estate Adlington Cheshire UK
Postal code	SK10 4NL
Telephone:	+44 (0)1625 403032
Fax	Not known.
E-mail	sales@diamondyze.co.uk
Office hours	

1.4 Emergency telephone number

Emergency Phone No. 1-800-424-9300 (Chemtrec)

Contact No information available.

National response center

Address National Poisons Information Service (Birmingham Centre)
City Hospital
Dudley Road,
Birmingham,
United Kingdom

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Emergency Phone No. +00 448 706 006 266 NHS Direct - 0845 4647 or 111

2 SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Regulation (EC) No. 1272/2008 (CLP) Acute Tox. 4 : Harmful if swallowed.
 Aquatic Chronic 3 : Harmful to aquatic life with long lasting effects.
 Flam. Liq. 2 : Highly flammable liquid and vapour.
 Skin Corr. 1B : Causes severe skin burns and eye damage.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name

Repelex DS1130-5

Hazard Pictogram(s)



GHS02

GHS05

GHS07

Signal Word(s)

Danger

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H412: Harmful to aquatic life with long lasting effects.

EUH208: Contains: (parachlorobenzotrifluoride) May produce an allergic reaction.

EUH071: Corrosive to the respiratory tract.

EUH210: Safety data sheet available on request.

Precautionary Statement(s)

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

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.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
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parachlorobenzotrifluoride	98-56-6		40	Flam. Liq. 3 H226 Skin Sens. 1B H317 Aquatic Chronic 2 H411	GHS02 GHS07 GHS09
non hazardous			30	Not classified.	
ethyl acetate	141-78-6		15	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07
	475645-84-				
organic polysilazane compound					
			15	Skin Corr. 1B H314	GHS05

4.1 Description of first aid measures

Inhalation	Immediately call a POISON CENTER/doctor.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER/doctor.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Ingestion	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Causes burns.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Immediately call a POISON CENTER/doctor. Treat symptomatically.

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media Water jet spray

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

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Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

6.4 Reference to other sections

See Also Section 8, 13.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool. Store locked up.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

Coating

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	STEL (ppm)	STEL (mg/m ³)	Note
		200	LTEL (8 hr TWA mg/m ³)		
Ethyl acetate	141-78-6		400		

Remark Footnote

8.2 Exposure controls

8.2.1. Appropriate engineering controls

Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).

Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).

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Respiratory protection

A suitable mask with filter type A (EN14387 or EN405) may be appropriate.

Thermal hazards

None known.

8.2.3. Environmental Exposure Controls

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour : Black
Odour	Smells of solvent.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not established
Initial boiling point and boiling range	Not established
Flash Point	(Flash point 11 - 22°C).
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	(Air = 1) >1
Density (g/ml)	Not known.
Relative density	> 1 (Air = 1)
Solubility(ies)	Solubility (Water) : Poorly water soluble product. Solubility (Other) : Solubility (Water)
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Incompatible with oxidizing substances.

9.2 Other information

VOC Content (California)	VOC Content (California) < 1.7 lbs per gallon based on formulation
Specific Gravity	1.3
10.1 Reactivity	None anticipated.
10.2 Chemical Stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	Avoid friction, sparks, or other means of ignition.
10.5 Incompatible materials	Not known.
10.6 Hazardous decomposition products	No hazardous decomposition products known.

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

Acute toxicity - Ingestion	Self classification: Harmful if swallowed. Ingestion may cause irritation of the gastrointestinal tract.
Acute toxicity - Skin Contact	Self classification: Avoid skin contact.
Acute toxicity - Inhalation	Low acute toxicity
Skin corrosion/irritation	Self classification: Causes severe skin burns and eye damage.
Serious eye damage/irritation	Non-irritant
Skin sensitization data	Not classified
Respiratory sensitization data	Not classified
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	Not classified

Lactation	Not classified
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STOT - single exposure	Not classified
STOT - repeated exposure	Not classified
Aspiration hazard	Not classified

11.2 Other information

Not known.

12.1 Toxicity

Toxicity - Aquatic invertebrates	Not known.
Toxicity - Fish	Not known.
Toxicity - Algae	Not known.
Toxicity - Sediment Compartment	Not classified.

Toxicity - Terrestrial Compartment	Not classified.
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12.2. Persistence and Degradation

Not known.

12.3. Bioaccumulative potential

Not known.

12.4. Mobility in soil Not known.

12.5. Results of PBT and vPvB assessment Not known.

12.6 Other adverse effects
Not known.

13.1 Waste treatment methods

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Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

14.1 UN number

UN No. 3469

14.2 UN proper shipping name

UN proper shipping name PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning and reducing compound)

14.3 Transport hazard class(es)

ADR/RID Class 3

IMDG Class 3

IMDG EMS Not available

ICAO/IATA

Excepted Quantities E2

Passenger and Cargo Aircraft Limited Quantities Packing Instructions Y340

Passenger and Cargo Aircraft Limited Quantities Max net Qty 0.5L

Passenger and Cargo Aircraft Packing Instructions 352

Passenger and Cargo Aircraft Max net Qty 1L

Cargo Aircraft Packing Instructions 363

Cargo Aircraft Max net Qty 5L

Special Provisions A72

Emergency Response Guidebook (ERG) Code 3CH

ADR Classification Code FC

ADR HIN 338

ADR Transport Category 2

Tunnel Restriction Code D/E

Emergency Action Code Not applicable

APP Advice on Additional
Personal Protection (APP) Not applicable

14.4 Packing group

Packing group II

Labels 3 +8

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Special Provisions	163
Limited Quantities	1 L
Excepted Quantities	E2
Mixed Packing Instructions for Packages	P001 IBC02
Special Packing Provisions for Packages	Not applicable
Mixed Packing Instructions for Packages	MP19

14.5 Environmental hazards

Environmental hazards	Not known.
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14.6 Special precautions for user

Special precautions for user	Not known.
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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Packing Instructions for Portable T7 Tanks	
Special Provisions for Portable Tanks	TP2 TP8 TP28
Tank Code for Tanks	L4BH
Special Provisions for Tanks	Not applicable
Vehicle for Tank Carriage	FL

Special Provisions for Carriage - Not applicable
Packages

Special Provisions for Carriage - Not applicable
Bulk

Special Provisions for Carriage - Not applicable
Loading, Unloading and Handling

Special Provisions for Carriage - S2 S20
Operation

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation

REACH: ANNEX X
IV list of

substances subject to
authorisation

Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not listed

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Community Rolling Action Plan (CoRAP) Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS02

GHS05

GHS07

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H412: Harmful to aquatic life with long lasting effects.

EUH071: Corrosive to the respiratory tract.

EUH210: Safety data sheet available on request.

Precautionary Statement(s)

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

P233: Keep container tightly closed.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash hands and exposed skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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.

P310: Immediately call a POISON CENTER/doctor.

P321: Specific treatment (see Medical Advice on this label).

P330: Rinse mouth.

P363: Wash contaminated clothing before reuse.

P370+P378: In case of fire: Use water to extinguish.

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

P501: Dispose of contents in accordance with local, state or national legislation.

Disclaimers

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