

# Safety Data Sheet

Infosafe No™ LQ18J Issue Date : June 2013 ISSUED by BARNES

Product Name : **STONER E302 ROCKET RELEASE**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** STONER E302 ROCKET RELEASE  
**Company Name** Barnes Products Pty Ltd (ABN 004 011 456)  
**Address** 6 Homedale Road Bankstown  
NSW 2200  
**Telephone/Fax Number** Tel: (02) 9793 7555  
Fax: (02) 9793 7091  
**Emergency phone number** (02) 9793 7555  
**Recommended use of the chemical and restrictions on use** Release agent.

**Other Names**

Name

Product Code

ROCKET RELEASE  
STONER 302  
E302

## 2. Hazard Identification

**GHS classification of the substance/mixture** Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia  
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Flammable Aerosol: Category 1  
Skin Corrosion/Irritation: Category 2  
STOT Single Exposure Category 3 (narcotic)  
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 1  
Danger

**Signal Word (s)**

**Hazard Statement (s)**

H222 Extremely flammable aerosol.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H410 Very toxic to aquatic life with long lasting effects.

**Pictogram (s)**



**Precautionary statement – Prevention**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

GENERAL  
P391 Collect spillage.  
SKIN  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before re-use.  
INHALATION  
P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.

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**Precautionary statement – Storage** P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

**Precautionary statement – Disposal** P501 Dispose of contents/container to an approved waste disposal plant.

### 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Petroleum gases, liquefied, sweetened	68476-86-8	>60-100 %
	Heptane	142-82-5	10-30 %

### 4. First-aid measures

**Inhalation** If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

**Ingestion** Unlikely due to form of product. However, if ingested, do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

**Skin** Remove contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before re-use or discard. Seek medical attention. Clothing frozen to the skin should be thawed before being removed. For Frostbite: Flush affected areas with lukewarm water. Do not use hot water. Treat as thermal burns. Seek IMMEDIATE medical attention.

**Eye contact** If eye tissue is frozen, seek IMMEDIATE medical attention. If tissue is not frozen, immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.

**First Aid Facilities** Eyewash and normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

**Other Information** For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

### 5. Fire-fighting measures

**Suitable extinguishing media** Use carbon dioxide, dry chemical, foam, water fog or water mist.

**Unsuitable Extinguishing Media** Do not use water jet.

**Hazards from Combustion Products** Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide, oxides of nitrogen and hydrocarbons.

**Specific hazards arising from the chemical** Contents under pressure - cans can explode in a fire. This product is extremely flammable. (ASTM D3065-94). Keep containers and fire-exposed surfaces cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

**Hazchem Code** 2YE

**Decomposition Temp.** Not available

**Precautions in connection with Fire** Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

### 6. Accidental release measures

**Emergency Procedures** Extinguish or remove all sources of ignition. Wear appropriate personal protective equipment and clothing to prevent exposure. Evacuate all unprotected personnel. Water spray or fog may be used to disperse/absorb vapour if any. If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated. Undamaged cans

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should be gathered and stowed safely. Place inert, non-combustible absorbent material onto liquid spillage. Collect residues and seal in labelled drums for disposal. If contamination of sewers or waterways occurs inform the local water authorities and waste management authorities in accordance with local regulations. Dispose of waste according to applicable local and national regulations.

## 7. Handling and storage

**Precautions for Safe Handling**

Wear appropriate protective clothing and equipment to prevent inhalation, skin and eye exposure. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. DO NOT store or use in confined spaces. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Build up of mists or vapours in the atmosphere must be prevented. Do not spray on a naked flame or any incandescent material. Do NOT puncture, cut or heat containers as they may contain hazardous residues. Do not smoke. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measures against static discharges. Earth or bond all equipment. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

**Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well ventilated area away from sources of ignition, oxidising agents, foodstuffs, clothing and out of direct sunlight. Protect container against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Do NOT pressurise, cut or heat aerosol containers. Content is under pressure and can explode violently. For information on the design of the storeroom, reference should be made to Australian Standard AS 2278-2000 Non-refillable metal aerosol dispensers of capacity 50 mL to 1000 mL inclusive. Reference should also be made to all Local, State and Federal regulations.

**Storage Temperatures**

Do not store above 50°C

## 8. Exposure controls/personal protection

**Occupational exposure limit values**

No exposure value assigned for this specific material by the Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

Safe Work, Australia Exposure Standards:  
Substance

	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Heptane	400	1640	500	2050

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

**Biological Limit Values**

No biological limits allocated.

**Appropriate engineering controls**

Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

**Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Eye Protection**

Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

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**Hand Protection** Wear chemically resistant gloves. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection** Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## 9. Physical and chemical properties

**Appearance** Clear with yellow tint

**Colour** Cloudy white

**Odour** Petroleum

**Decomposition Temperature** Not available

**Melting Point** Not available

**Boiling Point** Not available

**Solubility in Water** Negligible; 0 - 1%

**Specific Gravity** 0.59

**pH** Not available

**Vapour Pressure** 379kPa (21°C)

**Vapour Density (Air=1)** 2.10

**Evaporation Rate** 0.1 - 0.5 (n-Butyl acetate = 1)

**Physical State** Aerosol can

**Odour Threshold** Not available

**Viscosity** Not available

**Partition Coefficient: n-octanol/water** Not available

**Flash Point** Not available

**Flammability** Extremely flammable aerosol.

**Auto-Ignition Temperature** Not available

**Flammable Limits - Lower** Not available

**Flammable Limits - Upper** Not available

## 10. Stability and reactivity

**Reactivity** Reacts with incompatibles.

**Chemical Stability** Stable under normal conditions of storage and handling.

**Conditions to Avoid** Heat, flames and other sources of ignition. Glowing metal surfaces.

**Incompatible Materials** Strong oxidizing agents.

**Hazardous Decomposition Products** Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide, oxides of nitrogen and hydrocarbons.

## 11. Toxicological Information

**Toxicology Information** No toxicity data available for this product.

**Ingestion** Ingestion unlikely due to form of product. Swallowing small amounts is not likely to be harmful; swallowing large amounts may cause harm as material can

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<b>Inhalation</b>	enter the lungs and cause lung inflammation and damage. Breathing of large amounts may be harmful. May cause drowsiness or dizziness. Inhalation above recommended exposure limits may cause temporary Central nervous system depression with anaesthetic effects such as dizziness, weakness, fatigue, nausea, headaches, lack of coordination and loss of consciousness. May cause irritation to the mucous membrane and upper airways, especially where vapours or mists are generated. Symptoms include sneezing, coughing, wheezing, shortness of breath, headache, dizziness, drowsiness, nausea and vomiting.
<b>Skin</b>	May cause frostbite injuries to skin on contact resulting in redness, tissue destruction. Causes skin irritation. The symptoms can include redness, itching and swelling. Skin contact may aggravate existing dermatitis. Prolonged exposure may cause defatting and dermatitis of the skin.
<b>Eye</b>	May cause frostbite injuries to eyes on contact resulting in stinging, tearing, blurred vision and possibly permanent damage to eyes. May be irritating to eyes. The symptoms may include redness, itching and tearing.
<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitiser.
<b>Skin Sensitisation</b>	Not expected to be a skin sensitiser.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Carcinogenicity</b>	Not considered to be a carcinogenic hazard.
<b>Reproductive Toxicity</b>	Not considered to be toxic to reproduction.
<b>STOT-single exposure</b>	May cause drowsiness or dizziness.
<b>STOT-repeated exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>Aspiration Hazard</b>	Not expected to be an aspiration hazard.

## 12. Ecological information

<b>Ecotoxicity</b>	Very toxic to aquatic life with long lasting effects.
<b>Persistence and degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Environmental Protection</b>	Prevent this material entering waterways, drains and sewers.

## 13. Disposal considerations

<b>Disposal Considerations</b>	Dispose of waste according to applicable local and national regulations. Do not pierce, burn, cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Empty the container completely before disposal. Contaminated containers must not be treated as household waste. Advise flammable nature. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.
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## 14. Transport information

<b>Transport Information</b>	Road and Rail Transport (ADG Code): This material is classified as a Division 2.1 (Flammable Gases) Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road or Rail. ( 7th edition) Division 2.1 Dangerous Goods are incompatible in a placard load with any of the following: - Class 1, Explosives - Division 2.2 Non-flammable, Non toxic gas that have a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500L capacity.
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- Class 3, Flammable Liquids, if both the Division 2.1 and Class 3 dangerous goods are in tanks or other receptacles with a capacity individually exceeding 500L.
- Division 4.1, Flammable Solids
- Division 4.2, Spontaneously Combustible Substances
- Division 4.3, Dangerous When Wet Substances
- Division 5.1, Oxidising Agents
- Division 5.2, Organic Peroxides
- Class 7, Radioactive Substances

**Marine Transport (IMO/IMDG):**

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Division: 2.1

EmS: F-D,S-U

UN-No: 1950

Special Provisions: 63 190 277 327 344 959

Proper Shipping Name: Aerosols

**Air Transport (ICAO/IATA):**

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Division: 2.1

Packaging Instructions (cargo only): 203

Packaging Instructions (passenger & cargo): 203

UN-No: 1950

Label: Flammable gas

Proper Shipping Name: Aerosols, flammable

1950

**U.N. Number**

**UN proper shipping name** AEROSOLS

**Transport hazard class(es)** 2.1

**Hazchem Code** 2YE

**EPG Number** 2D1

**IERG Number** 49

**IMDG Marine pollutant** Yes

## 15. Regulatory information

**Regulatory Information** Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia  
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poisons Schedule** Not Scheduled

**AICS (Australia)** All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

## 16. Other Information

**Date of preparation or last revision of SDS** SDS reviewed: June 2013  
Supersedes: June 2012

**Literature References** Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons. Australian Code for the Transport of Dangerous Goods by Road & Rail. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. Workplace exposure standards for airborne contaminants, Safe work Australia. American Conference of Industrial Hygienists (ACGIH). Globally Harmonised System of classification and labelling of chemicals.

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