Safety Data Sheet

Infosafe No™ LQ2DE          Issue Date : June 2013          ISSUED by KIDDEAUS

Product Name STAT-X AEROSOL GENERATOR

1. Identification

GHS Product Identifier

Company Name

KIDDE AUSTRALIA (ABN 68 006 252 428)

Address

Level 1/271 - 273 Wellington Road Mulgrave Victoria 3170 Australia

Telephone/Fax Number

Tel: 03 9518 5588

Emergency phone number

1800 672 171

Recommended use of the chemical and restrictions on use

Fire extinguisher.

Other Information

Website: www.kidde.com.au

Emergency Telephone Number: Kidde Australia (03) 9518 5588, 1800 672 171

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 Solids: Category 2

Signal Word (s)

Warning

Hazard Statement (s)

H228 Flammable solid.

Pictogram (s)

Flame

Precautionary statement – Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P240 Ground/bond container and receiving equipment.

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

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

Precautionary statement – Response

P370+P378 In case of fire: Use water for extinction.

3. Composition/information on ingredients

Information on Composition

Components are blended and pressed into a highly stable, molded form. Molded composition is contained within a sealed double-walled stainless steel housing – no environmental exposure.

Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Nitrate</td>
<td>7757-79-1</td>
<td>–</td>
</tr>
<tr>
<td>Dicyandiamide</td>
<td>461-58-5</td>
<td>–</td>
</tr>
<tr>
<td>Phenolic resin</td>
<td>9003-35-4</td>
<td>–</td>
</tr>
</tbody>
</table>

4. First-aid measures

Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

Skin

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
Safety Data Sheet

Infosafe No™ LQ2DE Issue Date: June 2013 ISSUED by KIDDLEAUS

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Classified as hazardous

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist 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

Product is an extinguishing media. Use appropriate fire extinguisher for surrounding environment.

Harms from Combustion Products

Non combustible material.

Specific hazards arising from the chemical

Ignition of Stat-X produces a fire-suppression aerosol. Water may be used as an additional suppression agent.

Hazchem Code

1Z

Decomposition Temp.

Not available

Precautions in connection with Fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed containers.

6. Accidental release measures

Emergency Procedures

Increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure. Transfer material mechanically to a suitable container. Wash surfaces well with soap and water. Seal all wastes in labelled plastic containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. Handling and storage

Precautions for Safe Handling

Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, out of direct sunlight. Ensure that storage conditions comply with applicable local and national regulations.

Storage Temperatures

Avoid storage at temperatures greater than 65°C

8. Exposure controls/personal protection

Occupational exposure limit values

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

<table>
<thead>
<tr>
<th>Substance</th>
<th>TWA ppm</th>
<th>TWA mg/m³</th>
<th>STEL ppm</th>
<th>STEL mg/m³</th>
<th>NOTICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon dioxide</td>
<td>30</td>
<td>34</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Nitrogen dioxide</td>
<td>3</td>
<td>5.6</td>
<td>5</td>
<td>9.4</td>
<td>-</td>
</tr>
<tr>
<td>Nitrogen monoxide</td>
<td>25</td>
<td>31</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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.
Classified as hazardous

No biological limit allocated.

Use with good general ventilation. If dusts, mists or vapours are produced, local exhaust ventilation should be used.

If engineering controls are not effective in controlling airborne exposure then an approved respirator may be necessary. Reference should be made to Australian 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.

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 shall conform with Australian/New Zealand Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.

Wear gloves of impervious material. 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.

Suitable workwear, e.g. cotton overalls buttoned at neck and wrist should be worn.

Stainless Steel Cylinder up to 270 mm in length. The cylinder contains the pressed moulded composition.

The moulded composition is beige to white in colour.

None

Not available

Not available

Not available

Slightly soluble

Not available

Not available

Not available

Not available

Not available

Flammable solid

300°C (moulded composition)

Not available

Not available

Not available

Not available

Not available

Reacts with incompatible materials.
STAT-X AEROSOL GENERATOR

Chemical Stability
Stable under normal conditions of storage and handling.

Conditions to Avoid
Protect from fire, sources of electrical power, shock, and high temperatures.

Incompatible Materials
Strong oxidising agents.

Hazardous Decomposition
Thermal decomposition may result in the release of toxic and/or irritating fumes and gases.

Hazardous Products
Will not occur.

11. Toxicological Information

Toxicology Information
No toxicity data available for this material.

Ingestion
Ingestion may cause irritation to the gastric tract, with stomach pain, nausea and vomiting.

Inhalation
Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin
May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye
May be irritating to eyes. The symptoms may include redness, itching and tearing.

Respiratory sensitisation
Not expected to be a respiratory sensitiser.

Skin Sensitisation
Not expected to be a skin sensitiser.

Germ cell mutagenicity
Not considered to be a mutagenic hazard.

Carcinogenicity
Not considered to be a carcinogenic hazard.

Reproductive Toxicity
Not considered to be toxic to reproduction.

STOT-single exposure
Not considered to cause toxicity to a specific target organ.

STOT-repeated exposure
Not considered to cause toxicity to a specific target organ through prolonged or repeated exposure.

Aspiration Hazard
Not expected to be an aspiration hazard.

12. Ecological information

Ecological Information
These devices are sealed and present no ecological hazards. The aerosol produced upon ignition has no global warming potential and an ozone depletion potential = 0.

Ecotoxicity
No ecological data are available for this material.

Persistence and degradability
Not available

Mobility
Not available

Bioaccumulative Potential
Not available

Environmental Protection
Prevent this material entering waterways, drains and sewers.

13. Disposal considerations

Disposal Considerations
Dispose of waste according to applicable local and national regulations.

14. Transport information

Transport Information
Road and Rail Transport (ADG Code):
This material is classified as Dangerous Goods Division 4.1 Flammable Solids according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).
Division 4.1 Dangerous Goods are incompatible in a placard load with any of
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Classified as hazardous

the following:
- Class 1, Explosives
- Division 2.1, Flammable Gases
- Division 4.2, Spontaneously Combustible Substances
- Division 5.1, Oxidising substances
- Division 5.2, Organic Peroxides
- Class 7, Radioactive Substances

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.

UN No: 3178
Proper Shipping Name: FLAMMABLE SOLID, INORGANIC, N.O.S. (CONTAINS POTASSIUM NITRATE)
Class: 4.1
Packing Group: III

U.N. Number 3178

UN proper shipping name FLAMMABLE SOLID, INORGANIC, N.O.S. - (CONTAINS POTASSIUM NITRATE)

Transport hazard class(es) 4.1
Hazchem Code 1Z
Packing Group III
EPG Number 4A1
IERG Number 20
IMDG Marine pollutant No

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.
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule S6

16. Other Information

Date of preparation or last revision of SDS SDS Created: June 2013


Contact Person/Point COMPANY CONTACT
+61 3 9518 5588
AUSTRALIAN POISONS INFORMATION CENTRE
24 HOUR SERVICE: 13 11 26
POLICE, FIRE BRIGADE OR AMBULANCE: 000
NEW ZEALAND POISONS INFORMATION CENTRE
24 HOUR SERVICE: 0800 764 766
NZ EMERGENCY SERVICES:111

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Product Name **STAT-X AEROSOL GENERATOR**

**Classified as hazardous**

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