SAFETY DATA SHEET

Citra-Force Aerosol

Infosafe No.: 5GEX8
RE-ISSUED Date : 14/05/2017
Re-issued: Australian Chemical Services

1. IDENTIFICATION

GHS Product Identifier
Citra-Force Aerosol

Company Name
Lanotec Australia Pty Ltd (ABN 87 096 795 621)

Address
Unit 79
57-101 Balham Road Archerfield
QLD 4108 Australia

Telephone/Fax Number
Tel: +61 7 3373 3700
Fax: +61 7 3373 3777

Emergency phone number
0417 638 004

Recommended use of the chemical and restrictions on use
Cleaning/degreasing aerosol

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

Signal Word (s)
DANGER

Hazard Statement (s)
Extremely flammable aerosol.

Precautionary Statement (s)
Keep out of reach of children.

Pictogram (s)
Flame

Precautionary statement – Prevention
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Precautionary statement – Storage
Protect from sunlight. Do not expose to temperatures exceeding 50ºC/122ºF.

Precautionary statement – Disposal
Dispose of contents/container to an approved waste facility

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Butane	106-97-8	<20 %
Propane	74-98-6	<20 %
Ingredients determined to be non-hazardous at the formulation concentration		to 100%

4. FIRST-AID MEASURES

Inhalation
If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Ingestion
If swallowed, do NOT induce vomiting.

Skin
If skin or hair contact occurs, remove contaminated clothing and flush skin or hair with running water.

Eye contact
If in eyes wash out immediately with water.

First Aid Facilities
Ventilation and respiratory aid.

Advice to Doctor
Treat symptomatically.

Other Information
For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

5. FIRE-FIGHTING MEASURES

Fire Fighting Measures
Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Material Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways. Fully self-contained breathing aparatus, full suit and helmet, and protective boots and gloves are required.

Suitable Extinguishing Media
Alcohol resistant foam, or dry chemical or foam. Do not use water jets. Will emulsify.

Hazards from Combustion Products
Carbon dioxide, carbon monoxide and other organic complexes on incomplete combustion or oxidisation.

Specific Hazards Arising From The Chemical
Hazardous decomposition: This product is a flammable aerosol and will fuel a fire in progress. Carbon monoxide, carbon dioxide, and other organic complexes will be produced on incomplete burning or oxidation.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
This product is flammable (aerosol) and will fuel a fire in progresss. Observe standard operating procedures for managing a blaze involving chemicals which can emit toxic vapours. There are chemical reactions that can take place through hydrolysis (reactions with water vapour) creating corrosive mixtures, and vapour hazards. Heat and flame will accelerate the oxidation process which can result in hazardous decomposition mixtures: carbon dioxide and carbon monoxide. Ensure the extinguishing media and any fire-fighting run-off is contained from contributing to environmental contamination, other chemical reaction hazards in adjacent areas, or expansion of the fire-affected area.

Clean-up Methods - Large Spillages
Major Land Spill
• Eliminate sources of ignition.
• Warn occupants of downwind areas of possible fire and explosion hazard, where present.
• Prevent product from entering sewers, watercourses, or low-lying areas.
• Keep the public away from the area.
• Shut off the source of the spill if possible and safe to do so.
• Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
• Take measures to minimise the effect on the ground water.
• Contain the spilled product using the resources in the spill kit.
• Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
• Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
• See "First Aid Measures”
Major Water Spill
• Eliminate any sources of ignition.
• Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
• Notify the port or relevant authority and keep the public away from the area.
• Shut off the source of the spill if possible and safe to do so.
• Confine the spill if possible.
• Remove the product from the surface by skimming or with suitable absorbent material.
• Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
• See "First Aid Measures”

7. HANDLING AND STORAGE

Precautions for Safe Handling
Store in a well-ventilated area away from incompatible materials such as strong acids and bases and strong oxidising materials. Check containers for integrity periodically and vent containers in hot weather. Employ good industrial hygiene when using this product, i.e. wash hands before and after use.

Conditions for safe storage, including any incompatibilities
This product is combustible and will fuel a fire in progress. Avoid extreme heat, direct sunlight, naked flames and ignition sources. Store any chemicals in bunded or designated areas. Take precautions against static discharge.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values
The time weighted average concentration (TWA) for the liquid component of this product is: None specified; consider 5 g/m3, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified; consider 5 g/m3, which is the maximum allowable exposure concentration at any time. The liquid product component of this product is isolated in an aerosol device.

Appropriate Engineering Controls
Ventilation for sprays and aerosols
The use of local exhaust ventilation is recommended to control process emissions near the source for this product when used as a aerosol. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment for any atomised products such as aerosols.

Respiratory Protection
Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product.

Eye Protection
Consider using safety glasses or other eye protection

Personal Protective Equipment
Consider wearing long sleeves, long trousers, or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended to consider wearing protective gloves when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form
Liquid

Appearance
The information in this section refers to the liquid component of this product.
Clear, orange, mobile liquid

Boiling Point
> 150°C

Solubility in Water
Miscible

pH
Not determined

Vapour Pressure
Not available

Density
1.02 g/ml

Flash Point
> 62°C

Auto-Ignition Temperature
> 250°C

Solubility in other solvents (kg/m3)
Hydrocarbons, organic solvents

10. STABILITY AND REACTIVITY

Chemical Stability
Stable at room temperature and pressure

Conditions to Avoid
Avoid excessive heat, ignition sources, sparks and naked flames.

Hazardous Decomposition Products
Strong acids, bases and oxidisers, heat and ignigition sources.

11. TOXICOLOGICAL INFORMATION

Toxicology Information
The information in this section refers to the liquid component of this product.
Oral LD50: Inhalation (rat): 5300 mg/m3
Inhalation TCLo: No data available

Ingestion
This product may cause discomfort on swallowing and result in gastric distrubances. Do not induce vomiting, but give water to drink. Treat symptomatically.

Inhalation
This product may be irritating on inhalation or when working in confined spaces. Avoid inhaling mists of this product and do not concentrate vapours intentionally.

Skin
This product will be irritating to skin, particularly at elevated temperatures. Washes off with water. Launder affected clothing before reuse.

Eye
This product will be irritating to eyes resulting in redness, swelling, tearing, and soreness. First aid will alleviate symptoms. Contact is unlikely to result in permanent eye damage.

Chronic Effects
Some individuals may experience irritant contact dermatitis with this product, and even develop some sensitivity. PPE precautions will limit the effect of contact.

Other Information
Individuals with pre-existing skin conditions may be sensitive to this product.

12. ECOLOGICAL INFORMATION

Ecological information
The information in this section refers to the liquid component of this product.

Persistence and degradability
Information is not available for this specific product.

Mobility
This product is expected to biodegrade within 28 days.

Environmental Protection
Prevent large amounts from entering waterways, drains and sewers.

Acute Toxicity - Fish
Fish Toxicity LC50: >100 mg/L

Acute Toxicity - Daphnia
Daphnia Magna EC50: >100 mg/L

Acute Toxicity - Algae
Blue-green algae: >100 mg/L
Green algae: IC50: >100 mg/L

13. DISPOSAL CONSIDERATIONS

Disposal considerations
This product must be disposed in accordance with the local authority in chemical waste management.

Special precautions for landfill or incineration
This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment in accordance with the local authority, or considered for use in recycling.

14. TRANSPORT INFORMATION

Transport Information
Dangerous Goods of Class 2.1 Flammable Gases, or with a subsidiary risk of 2.1, are incompatible in a placard load with any of the following: - Class 1, Class 3, if both the Class 2.1 and Class 3 dangerous goods are in bulk, Class 4, Class 5, and Class 7.

U.N. Number
1950

UN proper shipping name
AEROSOLS

Transport hazard class(es)
2.1

IERG Number
49

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

Poisons Schedule
S5

Australia (AICS)
All ingredients listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS
SDS reviewed: May 2017
Review date: May 2022
Supersedes: September 2016

Re-issued Feb 2019 - Address change

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.
Globally Harmonised System of classification and labelling of chemicals.
Suppliers SDS.

Other Information
Controlled Document: LAN-0010 SDS-CFA
Emergency Number: 0417 638 004
DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.
The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Lanotec Australia Pty Ltd.

END OF SDS