

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006)

Version: 1 Revision Date: 13.01.2021

NILCO POWER FRESH CRANBERRY – 750ML

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name: *Nilco Power Fresh Cranberry*
Product Code: *SELE21*

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

1.3 Details of the supplier of the safety data sheet

Company: **CHAUCER SOLUTIONS LIMITED**
Address: *Beodric House
5 Boldero Road
Bury St. Edmunds
Suffolk
IP32 7BS
United Kingdom*
Telephone: *+ 44 (0) 1767 677445*
E-mail: *admin@chaucersolutions.co.uk*

1.4 Emergency telephone number

+ 44 (0) 1767 677445 (Only available during office hours)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (according to Regulation (EC) No. 1272/2008):

*Flammable Aerosol Category 1
STOT SE Category 3*

H222: Extremely flammable aerosol

H336: May cause drowsiness or dizziness

2.2 Label elements

REGULATION (EC) No. 1272/2008

Pictogram(s):



Signal Word: **DANGER**

Hazard Statements: *H222: Extremely flammable aerosol*
H336: May cause drowsiness or dizziness

Precautionary Statements:

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
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P271: Use only outdoors or in a well-ventilated area.
P251: Pressurized container: Do not pierce or burn, even after use.

Response: *P304+P340: IF INHALED: Remove victim 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.

Storage: *P405: Store locked up*
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

Disposal: *P501: Dispose of contents / container to a waste management service provider, according to the local law and regulations*

2.3 Other Hazards *None known*

3. COMPOSITION OF/INFORMATION ABOUT THE COMPONENTS

3.2 Mixtures

Chemical Name	CAS-No. EINECS-No.	Classification REGULATION (EC) No 1272/2008	Concentration [%]
<i>Propane</i>	74-98-6 200-827-9	<i>Ex. Flam. Gas Cat.1: H220</i>	<i>30 - 60</i>
<i>Butane</i>	106-97-8 203-448-7	<i>Ex. Flam. Gas Cat.1: H220</i>	<i>10 - 30</i>
<i>Isobutane</i>	75-28-5 200-857-2	<i>Ex. Flam. Gas Cat.1: H220</i>	<i>10 - 30</i>
<i>Propan-2-ol</i>	67-63-0 200-661-7	<i>Flam. Liq. Cat.2 H225; Eye Irrit. Cat.2: H319; STOT SE Cat.3: H336</i>	<i>10 - 30</i>

For the full text of the H - statements mentioned in this section, see section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: *Take the Hazard and Precautionary Statements (section 2) into account. Show this Safety Data Sheet to the physician in attendance if required.*

Inhalation: *Remove from exposure site to fresh air and keep at rest. Contact physician if symptoms persist.*

Skin contact: *Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.*

Eye contact: *Flush immediately with water for at least 15 minutes. Remove contact lenses if possible. Contact physician if symptoms persist.*

Ingestion: *Rinse mouth with water and Contact physician if symptoms persist. Do NOT induce vomiting.*

4.2 Most important symptoms and effects, both acute and delayed

No additional information

4.3 Indication of any immediate medical attention and special treatment needed

Provide physician with a copy of this Safety Data Sheet.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

5.2 Special Hazards arising from the substance or mixture

Aerosol cans may explode in fire.

5.3 Advice for Fire Fighters

Special protective equipment for fire fighting:

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition and keep away from flames and hot surfaces. Avoid inhalation and contact with skin and eyes. Wear appropriate personal protective equipment. A self contained breathing apparatus is recommended in case of a major spill. Collect Spillage.

6.2 Environmental precautions

Keep away from drains, surface and ground water and soil.

6.3 Methods for cleaning or taking up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

7. HANDLING AND STORAGE

7.1 Handling

Advice on safe handling:

Avoid contact with the eyes, skin and clothing. Avoid excessive inhalation of concentrated vapours. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each working period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.

Advice on protection against fire and explosion:

Keep away from ignition sources and naked flame.

7.2 Storage

Requirements for storage areas and containers:

Store in a cool, dry, ventilated area away from heat sources. Keep containers upright and tightly closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Workplace exposure limits:

Butane (CAS 106-97-8):	TWA – 8hr: 600 ppm / 1450 mg/m ³ STEL – 15 mins: 750 ppm / 1810 mg/m ³
Isobutane (CAS 75-28-5):	TWA – 8hr: 800 ppm STEL – 15 mins: 750 ppm
Propan-2-ol (CAS67-63-0):	TWA – 8hr: 400 ppm / 999 mg/m ³ STEL – 15 mins: 500 ppm / 1250 mg/m ³
Propane (CAS 74-98-6):	Asphyxiating

8.2 Personal protective equipment

Respiratory protection:

Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation including places where this material is openly weighed or measured.

In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient.

If engineering controls and safe work practices are not sufficient, an approved, properly fitted respirator with organic vapor cartridges or canisters and particulate filters should be used:

- a) while engineering controls and appropriate safe work practices and/or procedures are being implemented; or*
- b) during short term maintenance procedures when engineering controls are not in normal operation or are not sufficient; or*
- c) if normal operational workplace vapour concentration in the air is increased due to heat;*
- d) during emergencies; or*
- e) if engineering controls and operational practices are not sufficient to reduce airborne concentrations below an established occupational exposure limit.*

Hand protection: *Avoid skin contact. Use chemically resistant gloves.*

Skin and body protection:

Avoid contact with the skin. Wear a protective suit. Wash all contaminated clothing thoroughly before re-use.

Eye protection: *Avoid contact with the eyes. Use tight-fitting goggles, face shield or safety glasses with side shields.*

Hygiene Measures:

Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well-maintained personal protection equipment. Wash hands before breaks and at the end of the work day. Do not eat, drink or smoke whilst using or handling the product.

To the extent deemed appropriate, implement pre placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material.

To the extent deemed appropriate, use an experienced air sampling expert to identify and measure volatile chemicals that could be present in the workplace air or determine potential exposures and to ensure the continuing effectiveness of engineering controls and operational practices to minimize exposure.

Protective measures:

The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and / or risks that may occur during use.

General Advice: *Do not allow uncontrolled discharge of the product into the environment.*

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Physical state: *Aerosol*
Colour: *Colourless*
Odour: *Characteristic*

9.2 Safety data

Flammability Limit – Lower *0.8°C*
Flammability Limit – Upper *9.0°C*

10. STABILITY AND REACTIVITY

10.1 Reactivity

This product is not considered reactive under normal working conditions.

10.2 Chemical Stability

This product is stable at room temperature.

10.3 Possibility of hazardous reactions

This product may react with strong oxidizing agents, acids and / or alkalis.

10.4 Conditions to avoid

Keep away from heat, sparks and open flame.

10.5 Incompatible materials

Strong oxidizing agents acids and alkalis.

10.6 Hazardous decomposition products

Toxic Gas (Carbon Monoxide and Carbon Dioxide) and unidentified organic compounds may be formed during combustion).

11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

Acute oral toxicity:

May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

Acute inhalation toxicity:

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

Acute dermal toxicity:

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Acute dermal toxicity (other routes of administration):

No data available.

Aspiration toxicity:

No data available.

11.2 Skin corrosion/irritation

Skin irritation:

11.3 Serious eye damage/eye irritation

Eye irritation: *Irritating to eyes. May cause chemical eye burns.*

11.4 Respiratory or skin sensitization

Sensitisation: *No data available*

11.5 Aspiration hazard:

Sensitisation: *No data available*

11.6 Repeated dose toxicity

Repeated dose toxicity:
No data available.

11.7 STOT

STOT – single exposure:
No data available

STOT – repeated exposure:
No data available.

11.8 Carcinogenicity

Carcinogenicity: *No data available.*

11.9 Mutagenicity

Genotoxicity in vitro:
No data available.

Genotoxicity in vivo:
No data available.

11.10 Reproductive toxicity

Reproductive toxicity:
No data available.

Developmental toxicity/Teratogenicity:
No data available.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity effects

Aquatic Compartment (including sediment)

Acute Fish Toxicity:

Aquatic Invertebrate Toxicity:

12.2 Persistence and degradability

Biodegradability:

12.3 Bioaccumulation

Partition coefficient (n-octanol/water):

No data available.

12.4 Mobility

Known distribution to environmental compartments:

No data available.

12.5 Other adverse effects

Environmental assessment:

Based on available data the product is not classified as dangerous for the environment, or toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: *Dispose of according to local regulations. Do NOT dispose of into drainage systems and into the environment.*

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

14.1 ADR

UN-Number: *1950*
Dangerous Goods Description: *AEROSOLS*
Class: *2*
Packing group: *N/A*
Environmentally hazardous mark: *No*

14.2 RID

UN-Number: *1950*
Dangerous Goods Description: *AEROSOLS*
Class: *2*
Packing group: *N/A*
Environmentally hazardous mark: *No*

14.3 IATA

UN-Number: *1950*
Dangerous Goods Description: *AEROSOLS*
Class: *2.1*
Packing group: *N/A*
Environmentally hazardous mark: *No*

14.4 IMDG

UN-Number: *1950*
Dangerous Goods Description: *AEROSOLS*
Class: *2.1*
Packing group: *N/A*
Environmentally hazardous mark: *No*
EMS Code: *F-D, S-U*

14.5 ADN / ADNR

UN-Number: *1950*
Dangerous Goods Description: *AEROSOLS*
Class: *2.1*
Packing group: *N/A*
Environmentally hazardous mark: *No*

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to regularly check their validity.

15. REGULATORY INFORMATION

16. OTHER INFORMATION

Full text of H – Statements referred to under sections 2 and 3

- H220: Extremely flammable gas*
- H222: Extremely flammable aerosol*
- H225: Highly flammable liquid and vapour*
- H319: Causes serious eye irritation*
- H336: May cause drowsiness or dizziness*

Full text of P – Statements referred to under sections 2 and 3

- P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.*
- P211: Do not spray on an open flame or other ignition source*
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray*
- P271: Use only outdoors or in a well-ventilated area.*
- P251: Pressurized container: Do not pierce or burn, even after use.*
- P304+P340:*
 - IF INHALED: Remove victim 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.*
- P405: Store locked up.*
- P410+P412:*
 - Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.*
- P501: Dispose of contents / container to a waste management service provider, according to the local law and regulations.*

Further information:

According to Regulation (EC) No. 1907/2006 the information in this safety data sheet is based on the properties of the material known to Chaucer Solutions Ltd at the time the data sheet was issued. The Safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. The information hereon is reliable to the best of our knowledge. However, the recommendations or suggestions hereon shall not be construed as a warranty or representation as to the results, safety and efficacy. Users should always make their own evaluations and tests suitable for their particular needs. We cannot be held liable for any loss or damage arising from the use of the information hereon. This document is not intended for quality assurance purposes.

- End of Safety Data Sheet -