



NEOGEN®

SAFETY DATA SHEET

according to 29 CFR 1910.1200

Page 1/6

LESS Plus

Revision 1
Revision date 2017-07-26

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	LESS Plus
Product code	91078, 9880

1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshar Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	regulatorysupport@neogen.com

1.4. Emergency telephone number

Emergency telephone number	1 800 234-5333
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Further information


Emergency Telephone Number	Chemtrec 1 (800) 424-9300. Outside USA and Canada +1 (703) 527-3887.
Manufactured By	Acumedia Manufacturer's Inc. 740 E. Shiawasse St. Lansing, MI 48912.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - GHS	Skin Irrit. 2: H315; Eye Irrit. 2: H319;
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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

LESS Plus

Revision 1
Revision date 2017-07-26

2.2. Label elements

lenses, if present and easy to do. Continue rinsing.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Lithium Chloride		7447-41-8	231-212-3			Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319;
Sodium Carbonate		497-19-8	207-838-8			Eye Irrit. 2: H319;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	In case of accident by inhalation: remove casualty to fresh air and keep at rest. May cause irritation to respiratory system.
Eye contact	Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact	Avoid contact with skin and eyes. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Do not give anything by mouth to an unconscious person. Do not induce vomiting unless told to do so by the poison control center or doctor. If you feel unwell, seek medical advice (show the label where possible). Rinse mouth thoroughly.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Adopt best Manual Handling considerations when handling, carrying and dispensing. Wash all contaminated clothing before reuse. Wash off immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection. Wear suitable respiratory equipment when necessary.

LESS Plus

Revision 1
Revision date 2017-07-26

6.2. Environmental precautions

	Do not allow runoff water to enter sewers or drains.
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6.3. Methods and material for containment and cleaning up

	Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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6.4. Reference to other sections

	See section 7, 8, 13 for further information.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of. Avoid contact with eyes and skin. Wear suitable protective clothing, gloves and eye/face protection. When using do not eat, drink or smoke.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep at temperature not exceeding 30°C. Keep container tightly closed and at a temperature not exceeding °C. Keep in a cool, dry, well ventilated area.
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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

Eye / face protection	Wear suitable protective clothing and eye/face protection.
Skin protection - Hand protection	Wear suitable gloves.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Powder
Color	Beige
Odor	No data available
Odour threshold	No data available
pH	No data available
Melting point	No data available
Boiling point	No data available
Evaporation rate	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Partition coefficient	No data available
Viscosity	No data available
Solubility	Soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available

LESS Plus

Revision 1
Revision date 2017-07-26**SECTION 10: Stability and reactivity****10.1. Reactivity**

No data is available on this product.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

Keep away from sources of ignition - No smoking.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

Carbon oxides. Chlorine.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.

11.1.4. Toxicological information

No data available

SECTION 12: Ecological information**12.1. Toxicity**

No data available

12.3. Bioaccumulative potential**Partition coefficient**

LESS Plus No data available

Sodium Carbonate No data available

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Dispose of as special waste in compliance with local and national regulations.

Disposal of packaging

LESS Plus

Revision 1
Revision date 2017-07-26

Disposal of packaging

Do not empty into drains; dispose of this material and its container in a safe way. Do NOT reuse empty containers.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Lithium Chloride (Lithium chloride (LiCl))	Y	N	N	N	N	N	N	N	N
Sodium Carbonate (Carbonic acid disodium salt)	Y	N	N	N	N	N	N	N	N

SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3

Acute Tox. 4: H302 - Harmful if swallowed.
Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye irritation.

General information

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LESS Plus

Revision 1
Revision date 2017-07-26

General information

	resulting from the use of this product.
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