

LITHIUM MULTI-PURPOSE #2

Green Grease | SKU: NMI0010-1

1. IDENTIFICATION:

Product identifier:

Product Name Lithium Multi-Purpose #2

Other means of identification:

Product code: NMI0010-1

Recommended use of the chemical and restrictions on use

Recommended use: Lubricating grease

Restrictions on use: No information available

Details of the supplier of the safety data sheet

Supplier Address: New Mold Innovations
824 KY Hwy 356 South
Cynthiana, KY 41031
United States

Company Phone Number: (859) 302-1360

2. HAZARD IDENTIFICATION:

Classification

This product is not considered hazardous by the US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200)

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

Not classified

Hazard statements

This product is not considered hazardous by the US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200)

Other information

May be harmful if swallowed. May be harmful in contact with skin.

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3. COMPOSITION/INGREDIENTS:

Substance

Not applicable.

Mixture

CHEMICAL NAME	CAS NO.	WEIGHT-%	TRADE SECRET
Calcium dodecylbenzenesulphonate	26264-06-2	<2.5	*
Phosphorodithioic acid, mixed O,O-bis (iso-Bu and pentyl) esters, zinc salts	68457-79-4	<1.2	*
Antimony tris (Dialkyldithiocarbamate)	CONFIDENTIAL	<1.2	*

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES:

Description of first aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapors
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Ingestion	Rinse mouth. Do not induce vomiting without medical advice. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
Effects of Exposure	No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES:

Suitable Extinguishing

Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire

CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media

Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to mechanical impact: None.

Sensitivity to static discharge: None.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE:

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

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Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Control Parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers, Eyewash stations, Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Appropriate eye/face protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.

Hand protection Appropriate hand protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.

Skin and body protection Appropriate skin and body protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.

Respiratory protection Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Information on basic physical and chemical properties

Physical state Paste / Gel
Appearance Semi-solid
Color No information available
Odor No information available
Odor threshold Odor threshold

PROPERTY	VALUES	REMARKS • METHOD
pH	-	No information available
Melting point / freezing point	-	No information available

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PROPERTY	VALUES	REMARKS • METHOD
Initial boiling point and boiling range	-	No information available
Flash point	> 150 °C / > 302 °F	-
Evaporation rate	-	No information available
Flammability	-	No information available
Flammability Limit in Air	-	-
Upper flammability or explosive limits	No data available	No information available
Lower flammability or explosive limits	No data available	-
Vapor pressure	> 150 °C / > 302 °F	No information available
Relative vapor density	-	No information available
Relative density	-	No information available
Water solubility	Insoluble in water	No information available
Solubility in other solvents	-	No information available
Partition coefficient	-	No information available
Autoignition temperature	-	No information available
Autoignition temperature	-	No information available
Kinematic viscosity	-	No information available
Dynamic viscosity	-	No information available
OTHER INFORMATION		
Explosive properties	No information available	-
Oxidizing properties	No information available	-
Softening point	No information available	-
Molecular weight	No information available	-
VOC content	No information available	-
Liquid Density	< 1000 kg/m³ @ 25 °C / 77 °F	-
Bulk density	-	-

10. STABILITY AND REACTIVITY:

Information on basic physical and chemical properties

Reactivity	Stable.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Excessive heat.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	None known based on information supplied.

11. TOXICOLOGY INFORMATION:

Information on likely routes of exposure

Product Information:	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	Specific test data for the substance or mixture is not available. Not an expected route of exposure.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	May be harmful in contact with skin.
Ingestion	May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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Acute toxicity

Numerical measures of toxicity	No information available
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The following ATE values have been calculated for the mixture

ATEmix (oral)	3,876.60 mg/kg
ATEmix (dermal)	2,056.80 mg/kg
ATEmix (inhalation-gas)	1,879,228.10 ppm
ATEmix (inhalation-vapor)	1,888.50 mg/l
ATEmix (inhalation-dust/mist)	479.20 mg/l

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Calcium dodecylbenzenesulphonate 26264-06-2	4445 mg/kg (Rat)	-	-
Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts 68457-79-4	= 3600 mg/kg (Rat)	> 20000 mg/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Other adverse effects	No information available.
Other adverse effects	No information available.

12. ECOLOGICAL INFORMATION:

Ecotoxicity The environmental impact of this product has not been fully investigated.

CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	TOXICITY TO MICROORGANISMS	CRUSTACEA
Calcium dodecylbenzenesulphonate 26264-06-2	-	LC50: =10.8mg/L (96h, Oncorhynchus mykiss)	-	-
Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts 68457-79-4	EC50: 1.0 - 5.0mg/L (96h, Pseudokirchneriella subcapitata)	LC50: >100mg/L (96h, Pimephales promelas) LC50: 25 - 50mg/L (96h, Pimephales promelas)	-	EC50: 4.0 - 6.0mg/L (48h, Daphnia magna)

Persistence and degradability	No information available.
Bioaccumulative potential	There is no data for this product.

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CHEMICAL NAME	PARTITION COEFFICIENT
Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts 68457-79-4	0.69

Mobility

Mobility in soil	After release, adsorbs onto soil
Mobility	Insoluble in water
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS:

Disposal methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.
Other information	Waste codes should be assigned by the user based on the application for which the product was used

14. TRANSPORT INFORMATION:

DOT	Not regulated
TDG	Not regulated
MEX	Not regulated
ICAO (air)	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION:

Disposal methods

TSCA	Complies
DSL/NDL	-
EINECS/ELINCS	-
REACH	Contact supplier for inventory compliance status
ENCS	-
IECSC	-

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KECI	-
PICCS	-
AIIC	-
NZIoC	-
TSCI	-

Legend:

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing Chemicals Inventory
PICCS	Philippines Inventory of Chemicals and Chemical Substances
AICS	Australian Inventory of Chemical Substances
NZIoC	New Zealand Inventory of Chemicals
TSCI	Taiwan Chemical Substance Inventory

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	TOXICITY TO MICROORGANISMS	CRUSTACEA
Calcium dodecylbenzenesulphonate 26264-06-2	1000 lb	-	-	X
Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts 68457-79-4	-	X	-	-

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CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

CHEMICAL NAME	HAZARDOUS SUBSTANCES RQS	EXTREMELY HAZARDOUS SUBSTANCES RQS	REPORTABLE QUANTITY (RQ)
Calcium dodecylbenzene-sulphonate 26264-06-2	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ
Antimony tris (Dialkyldithio-carbamate) CONFIDENTIAL	-	X	-

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:.



CHEMICAL NAME	CALIFORNIA PROPOSITION 65
Crystalline Silica (Quartz) - 14808-60-7	Carcinogen
Hexane - 110-54-3	Male Reproductive
Ethylbenzene - 100-41-4	Carcinogen
Naphthalene - 91-20-3	Carcinogen

U.S. EPA Label Information

EPA Pesticide Registration Number

Not applicable

16. OTHER INFORMATION

NFPA

Health hazards 0

Flammability 1

Instability 0

Special hazards -

HMIS

Health hazards 0

Flammability 1

Physical hazards 0

Personal protection p

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Key or legend to abbreviations and acronyms used in the safety data sheet

Legend

SVHC:	Substances of Very High Concern for Authorization:
PBT:	Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB:	Very Persistent and very Bioaccumulative (vPvB) Substances
STOT:	Specific Target Organ Toxicity
ATE:	Acute Toxicity Estimate
LC50:	50% Lethal Concentration
LD50:	50% Lethal Dose

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
+	Sensitizers		

Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 U.S. Environmental Protection Agency
 Acute Exposure Guideline Level(s) (AEGl(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 Japan National Institute of Technology and Evaluation (NITE)
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 U.S. National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
 International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
 International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set

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Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

UNITED STATES OF AMERICA**US SDS version information - AGHS**

UL release:
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CHEMICAL NAME	CALIFORNIA HAZARDOUS WASTE STATUS	MEXICO - OEL - SKIN DESIGNATIONS
Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts 68457-79-4	Toxic	

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