

Safety Data Sheet PRO GEAR PLUS

Supersedes Date 03/07/2014

Issuing Date 09/30/2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PRO GEAR PLUS
Recommended use GEAR LUBRICANT
Information on Manufacturer
CHEMSEARCH DIV. OF NCH CORP.
BOX 152170
IRVING, TX 75015

Product Code 0693
Chemical nature Solvent blend
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Dark green - Brown

Physical state Liquid

Odor Sulfurous

GHS

Classification

Physical Hazards

None

Health Hazard

Skin sensitization

Category 1A

Other hazards

None

Labeling

Signal Word

WARNING



Hazard statements

H317 - May cause an allergic skin reaction

Precautionary Statements

P280 - Wear protective gloves, protective clothing and eye protection.
P272 - Contaminated work clothing should not be allowed out of the workplace
P261 - Avoid breathing mist
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs, get medical attention
P362 - Take off contaminated clothing and wash before reuse
P501 - Dispose of contents and container in accordance with applicable local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
2,5-Bis(octyldithio)-1,3,4-thiadiazole	13539-13-4	0.1-1

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

4. FIRST AID MEASURES

General advice

Avoid contact with skin, eyes and clothing. Avoid breathing mist.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact

Wipe up with absorbent material (e.g. cloth, fleece). Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

Notes to physician

May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flash Point > 201 °F / > 94 °C**Method** Seta closed cup**Upper:** No data available**Lower:** No data available**Suitable Extinguishing Media**Foam. Carbon dioxide (CO₂). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.**Specific hazards arising from the chemical**

Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA Health 2**Flammability** 1**Instability** 0**HMIS** Health 2**Flammability** 1**Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

Environmental Precautions

Do not flush into surface water or sanitary sewer system.

Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up

Pick up and transfer to properly labeled containers.

Neutralizing Agent

Not applicable.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes and clothing. Avoid breathing mist.

Storage

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage Temperature**Minimum** 0 °F / -18 °C**Maximum** 150 °F / 66 °C**Storage Conditions****Indoor** X**Outdoor****Heated****Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

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

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment**Eye/Face Protection**

Safety glasses with side-shields.

Skin Protection

Wear suitable protective clothing, Impervious gloves.

Respiratory Protection

In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state

Liquid

Viscosity

Viscous

Color

Dark green - Brown

Odor

Sulfurous

Odor Threshold

Not applicable

Appearance

Transparent

pH

Not applicable

Specific Gravity

0.918

Evaporation Rate

0 (Butyl acetate=1)

Percent Volatile (Volume)

1.2

VOC Content (%)

1.3

VOC Photoreactive (Y/N)

Yes

VOC Content (g/L)

12

Vapor Pressure

0.02 mmHg @ 70°F

Vapor Density

10.8

Solubility

Negligible

n-Octanol/Water Partition

No data available

Melting Point/Range

No data available

Decomposition Temperature

No data available

Boiling Point/Range

310 °F / 154 °C

Flammability (solid, gas)

No data available

Flash Point

> 201 °F / > 94 °C

Method

Seta closed cup

Autoignition Temperature

No information available.

Upper: No data available **Lower:** No data available

10. STABILITY AND REACTIVITY

Chemical Stability

Stable. Hazardous polymerization does not occur.

Conditions to Avoid	None known.
Incompatible Products	Strong oxidizing agents, Acids, Bases, Reducing agents.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides, Aldehydes, Metal oxides, Hydrocarbons.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 No information available

Dermal LD50 No information available

Inhalation LC50

Gas No information available

Mist No information available

Vapor No information available

Principle Route of Exposure Skin contact, Eye contact.

Primary Routes of Entry Skin Absorption.

Acute Effects:

Eyes Low hazard for usual industrial or commercial handling.

Skin May cause allergic skin reaction.

Inhalation Low hazard for usual industrial or commercial handling.

Ingestion Ingestion may cause irritation to mucous membranes.

Chronic Toxicity Prolonged skin contact may defat the skin and produce dermatitis.

Target Organ Effects Eyes, Skin.

Aggravated Medical Conditions Skin disorders.

Component Information

Acute Toxicity None known

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
2,5-Bis(octyldithio)-1,3,4-thiadiazole 13539-13-4	No data available	Skin Sensitization	No data available	No data available	Immune system

Carcinogenicity Contains no ingredient listed as a carcinogen.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Persistence and Degradability No information available.

Bioaccumulation No information available.

Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.

Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION**Inventories****TSCA**

Complies

DSL

Complies

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any 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 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

CERCLA**16. OTHER INFORMATION****Prepared By**

Samantha Purvis

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Reason for Revision

No information available.

Glossary

No information available.

List of References.

No information available.

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