Safety Data Sheet: PUREPLEX WITH OMNISTAL

Supercedes Date 01/31/2012 **Issuing Date** 06/06/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PUREPLEX WITH OMNISTAL
Recommended use Lubricant
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 590J
Chemical nature mixture
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color White - Light yellow **Physical State** Grease **Odor** Oily

GHS
Classification
Physical Hazards
None
Health Hazard

Serious Eye Damage/Eye Irritation	Category 2B
Specific target organ systemic toxicity (repeated exposure)	Category 2

Other hazards
None

Labeling
Signal Word
WARNING

Hazard Statements
H320 - Causes eye irritation
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P260 - Do not breathe mist.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.
P501 - Dispose of contents and container in accordance with applicable regulations.

19 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
White mineral oil, solvent refined	8042-47-5	60-100
Aluminum benzoate fatty acid complex	82980-54-9	10-30
Polybutene	9003-29-6	1-5
Disodium sebacate	17265-14-4	1-5

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 with soap and plenty of water. 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 Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point > 489 °F / > 254 °C **Method** Open cup
Flammability Limits in Air % No information available. **Upper** No data available **Lower** No data available
Suitable Extinguishing Media
Water spray. Foam. Carbon dioxide (CO2). Dry chemical. 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, MSHA/NIOSH (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** 120 °F / 49 °C
Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
White mineral oil, solvent refined	5 mg/m^3	5 mg/m^3	STEL 10 mg/m^3 TWA: 5 mg/m^3
Aluminum benzoate fatty acid complex	No data available	No data available	No data available
Polybutene	5 mg/m^3 as oil mist	10 mg/m^3 as oil mist	No data available
Disodium sebacate	No data available	No data available	No data available

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 For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.
Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
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	Grease	**Viscosity**	Semi-Solid
Color	White - Light yellow	**Odor**	Oily
Odor Threshold	Not applicable	**Appearance**	Translucent
pH	Not applicable	**Specific Gravity**	0.92
Evaporation Rate	0 (Butyl acetate=1)	**Percent Volatile (Volume)**	0.1
VOC Content (%)	0	**VOC Content (g/L)**	0
Vapor Pressure	0.01 mmHg @ 70°F	**Vapor Density**	9.6 (Air = 1.0)
Solubility	Negligible	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	> 212 °F / 100 °C	**Flammability (solid, gas)**	No data available
Flash Point	> 489 °F / > 254 °C	**Method**	Open cup

Autoignition Temperature No information available.
Flammability Limits in Air % 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, Strong acids, Strong bases, Reducing agents, Metals.
Hazardous Decomposition Products Carbon oxides, Aldehydes, Phenols, Sulfur oxides.
Possibility of Hazardous Reactions None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):
Oral LD50 5,098.29
Dermal LD50 No information available
Inhalation LC50
- **Gas** No information available
- **Mist** No information available
- **Vapor** No information available

Principle Route of Exposure Eye contact, Skin contact.
Primary Routes of Entry Inhalation
Acute Effects
- **Eyes** Causes eye irritation.
- **Skin** May cause skin irritation.
- **Inhalation** Low hazard for usual industrial or commercial handling.
- **Ingestion** Low hazard for usual industrial or commercial handling.

Chronic Toxicity Prolonged skin contact may cause skin irritation and/or dermatitis. Prolonged or repeated inhalation may cause damage to the lungs. Liver and kidney injuries may occur.
Target Organ Effects Respiratory system, Heart, Liver, Kidney.
Aggravated Medical Conditions Respiratory disorders, Skin disorders.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
White mineral oil, solvent refined	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2062 ppm (Rat) 4 h	no data available	no data available
Aluminum benzoate fatty acid complex	no data available	no data available	no data available	no data available	no data available
Polybutene	no data available	no data available	no data available	no data available	no data available
Disodium sebacate	no data available	no data available	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
White mineral oil, solvent refined	no data available	no data available	no data available	no data available	no data available
Aluminum benzoate fatty acid complex	no data available	no data available	no data available	no data available	no data available
Polybutene	no data available	no data available	no data available	no data available	Heart, liver, kidney, lung
Disodium sebacate	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
White mineral oil, solvent refined	not applicable	not applicable	not applicable	not applicable	not applicable
Aluminum benzoate fatty acid complex	not applicable	not applicable	not applicable	not applicable	not applicable
Polybutene	not applicable	not applicable	not applicable	not applicable	not applicable
Disodium sebacate	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
White mineral oil, solvent refined	no data available	LC50 > 10000 mg/L Lepomis	no data available	no data available	6.006

		macrochirus 96 h			
Aluminum benzoate fatty acid complex	no data available	no data available	no data available	no data available	N/A
Polybutene	no data available	no data available	no data available	no data available	N/A
Disodium sebacate	no data available	no data available	no data available	no data available	N/A

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 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	Yes	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
White mineral oil, solvent refined	Not applicable	Not applicable
Aluminum benzoate fatty acid complex	Not applicable	Not applicable
Polybutene	Not applicable	Not applicable
Disodium sebacate	Not applicable	Not applicable

16. OTHER INFORMATION

Prepared By Devon Kebodeaux
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Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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