

Revised Date 01/01/0001

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name THREAD-EZE SAMPLE, NAC NC

Recommended use Lubricant

Information on Manufacturer

ARCH DIV. OF NCH CORP.

152170

G, TX 75015

Product Code 5912

Chemical Nature mixture

Emergency Telephone Number

CHEMTREC® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING

Causes eye irritation

May cause skin irritation

Physical State Grease

r Gray

ntial Health Effects

Multiple Route of Exposure

Primary Routes of Entry

Effects

Eyes

Skin

Inhalation

Ingestion

nic toxicity

at Organ Effects

avated Medical Conditions

ntial Environmental Effects

Eye contact, Skin contact.

Inhalation

Causes eye irritation.

May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

May cause irritation of respiratory tract.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Liver and kidney injuries may occur, Contains a known or suspected carcinogen.

Liver, Kidney, Respiratory system, Eyes, Skin, Central nervous system, Bone Marrow, Spleen.

Respiratory disorders, Skin disorders, Neurological disorders, Liver disorders, Kidney disorders.

See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Zinc oxide	1314-13-2
Calcium carbonate	1317-65-3
Crystalline Silica (Quartz)	14808-60-7
White mineral oil, solvent refined	8042-47-5
Aluminum benzoate fatty acid complex	82980-54-9

product contains no substances which at their given concentration, are considered to be hazardous to health

4. FIRST AID MEASURES

ral Advice

Contact

Contact

ation

stion

s to Physician

Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 min

Get medical attention immediately.

Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation de

and persists. Wash contaminated clothing before re-use.

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

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

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

n Point

455°F/235°C

Ignition Temperature No information available.

Stability Limits in Air % No information available.

ble Extinguishing Media

r spray. Carbon dioxide (CO2). Foam. Dry chemical. Alcohol-resistant foam.

ific hazards arising from the chemical

rial can create slippery conditions.

ective Equipment and Precautions for Firefighters

any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Health 2

Flammability 1

Instability 0

Health 2

Flammability 1

Instability 0

Method

Open cup

Upper No data available

Lower No data available

6. ACCIDENTAL RELEASE MEASURES

onal Precautions

onmental Precautions

ods for Containment

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

Do not allow material to contaminate ground water system.

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

7. HANDLING AND STORAGE									
Handling Information Storage Temperature Conditions	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Store in original container. Keep container tightly closed in a dry and well-ventilated place.								
	Minimum	0°F/-18°C			Maximum	150°F/66°C			
	Indoor	X	Outdoor	X	Heated	X	Refrigerated	X	
8. EXPOSURE CONTROLS / PERSONAL PROTECTION									
Exposure Guidelines									
Component	ACGIH TLV			OSHA PEL			NIOSH		
Zinc oxide	: 10 mg/m ³ STEL (respirable fraction) : 2 mg/m ³ TWA (respirable fraction)			: 5 mg/m ³ TWA (fume); 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)			: 500 mg/m ³ IDLH : 5 mg/m ³ TWA (dust and fume) : 10 mg/m ³ Ceiling (dust) 10 mg/m ³ STEL (fume)		
Calcium carbonate	No data available			15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)			10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)		
Crystalline Silica (Quartz)	: 0.025 mg/m ³ TWA (respirable fraction)			No data available			: 50 mg/m ³ IDLH (respirable dust) : 0.05 mg/m ³ STEL (respirable dust)		
White mineral oil, solvent refined	5 mg/m ³			5 mg/m ³			IDLH 2500 mg/m ³ STEL 10 mg/m ³		
Aluminum benzoate fatty acid complex	No data available			No data available			No data available		
Engineering Measures									
Ensure adequate ventilation, especially in confined areas.									
Personal Protective Equipment									
Eye/Face Protection									
Safety glasses with side-shields.									
Skin Protection									
For prolonged or repeated contact, use protective gloves									
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.									
Personal 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	Gray			Odor			Oily		
Appearance	Opaque			pH			Not applicable		
Relative Gravity	0.98			Evaporation Rate			0 (Butyl acetate=1)		
Flash Point (Volatile)	0			VOC Content (%)			0		
Solubility (g/L)	0			Vapor Pressure			<0.01 mmHg @ 70°F		
Density	0 (Air = 1.0)			Solubility			Negligible		
Boiling Point/Range	No data available								
10. STABILITY AND REACTIVITY									
Chemical Stability				Stable. Hazardous polymerization does not occur.					
Conditions to Avoid				Heat, flames, and sparks					
Incompatible Products				Strong oxidizing agents, Strong acids.					
Hazardous Decomposition Products				Carbon oxides, Zinc oxide fumes, Fumes of aluminum.					
Stability of Hazardous Reactions				None under normal processing.					
11. TOXICOLOGICAL INFORMATION									
Toxicity Information									
No information available.									
Acute Toxicity Information									
Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other				
Zinc oxide	> 5000 mg/kg (Rat)	no data available	no data available	no data available	no data available				
Calcium carbonate	no data available	no data available	no data available	no data available	no data available				
Crystalline Silica (Quartz)	= 500 mg/kg (Rat)	no data available	no data available	no data available	no data available				
White mineral oil, solvent refined	> 5000 mg/kg (Rat)	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				
Chronic Toxicity Information									
Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects				
Zinc oxide	no data available	no data available	no data available	no data available	respiratory system				
Calcium carbonate	no data available	no data available	no data available	no data available	eyes, respiratory system, skin				
Crystalline Silica (Quartz)	no data available	no data available	no data available	no data available	eyes, respiratory system (in animals), lung cancer				
White mineral oil, solvent refined	no data available	no data available	no data available	no data available	respiratory system				
Aluminum benzoate fatty acid complex	no data available	no data available	no data available	no data available	no data available				
Carcinogenicity									
The table below indicates whether each agency has listed any ingredient as a carcinogen.									
Component	ACGIH	IARC	NTP	OSHA	Other				
Zinc oxide	not applicable	not applicable	not applicable	not applicable	not applicable				
Calcium carbonate	not applicable	not applicable	not applicable	not applicable	not applicable				

Test Information					
Information available.					
Test Information					
Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log P
Zinc oxide	no data available	no data available	no data available	no data available	N/I
Calcium carbonate	no data available	no data available	no data available	no data available	N/I
Crystalline Silica (Quartz)	no data available	no data available	no data available	no data available	N/I
White mineral oil, solvent refined	no data available	> 10000 mg/L <i>Lepomis macrochirus</i> 96 h	no data available	no data available	6
Aluminum benzoate fatty acid complex	no data available	no data available	no data available	no data available	N/I

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

Federal Regulations

Component	CAS-No	Weight %	SARA 313 - Threshold Value
Zinc oxide	1314-13-2	7-13	1.0

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

Component	Hazardous Substances RQs	CERCLA EHS RQs
Zinc oxide	Not applicable	Not applicable
Calcium carbonate	Not applicable	Not applicable
Crystalline Silica (Quartz)	Not applicable	Not applicable
White mineral oil, solvent refined	Not applicable	Not applicable
Aluminum benzoate fatty acid complex	Not applicable	Not applicable

product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by



16. OTHER INFORMATION

Prepared By	Dan Hollas
Effective Date	01/01/0001
Issue Date	10/18/2010
Reason for Revision	No information available.
References.	No information available.

RESEARCH DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this label 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.