

# SAFETY DATA SHEET

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Version 1

	1. IDENTIFICATION
Dreduct identifier	
Product identifier Product Name	Conner Deced Anti China 207
Product Name	Copper Based Anti-Seize 367
Other means of identification	
Product Code	MS-367
UN/ID no.	None
Synonyms	None
Recommended use of the chemic	al and restrictions on use
Recommended Use	Adhesives.
Uses advised against	None known
Details of the supplier of the safe	tu data abaat
Manufacturer Address	ty data sheet
Hernon Manufacturing Inc.	
121 Tech Drive	
Sanford, FL 32771	
800-527-0004	
000 021 0004	
Emergency telephone number	
Company Phone Number	407-322-4000
Emergency Telephone	Chemtel 800-255-3924
	2. HAZARDS IDENTIFICATION
<u>Classification</u>	
OSHA Pogulatory Status	
OSHA Regulatory Status This chemical is considered bazard	ous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Carcinogenicity	Category 1B
Label elements	
	Emergency Overview
Danger	

Hazard statements May cause cancer



Appearance No information available

Physical state Semi-solid paste

Odor Petroleum distillates

# **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood Use personal protective equipment as required

# **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

# **Precautionary Statements - Storage**

Store locked up

# Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

# Hazards not otherwise classified (HNOC)

Not applicable

# Other Information

May be harmful if swallowed Very toxic to aquatic life with long lasting effects

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

# Substance

Chemical Name	CAS No.	Weight-%	Trade Secret
Lubricating greasesA complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, and/o	74869-21-9	40 - 70	*
GRAPHITE	7782-42-5	10 - 30	*
COPPER	7440-50-8	7 - 13	*
TALC (POWDER)	14807-96-6	1 - 5	*
LIMESTONE	1317-65-3	1 - 5	*
MOLYBDENUM (IV) SULFIDE	1317-33-5	1 - 5	*

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

# 4. FIRST AID MEASURES

# Description of first aid measures

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash with soap and water. Flush skin with water for several minutes. Remove contaminated clothing and shoes. If irritation develops, seek medical attention. Wash clothing before reuse.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention immediately.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.
Most important symptoms and effe	ects, both acute and delayed
Symptoms	No information available.

### Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

# **5. FIRE-FIGHTING MEASURES**

### Suitable extinguishing media

Carbon dioxide (CO2). Foam. Dry chemical. Sand. Earth. Water mist.

Unsuitable extinguishing media No information available.

# Specific hazards arising from the chemical

No information available.

Hazardous combustion products Carbon oxides. Oxides of sulfur. Nitrogen oxides (NOx).

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

# 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.

# 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.
For emergency responders	Use personal protection recommended in Section 8.
Environmental precautions	
Environmental precautions	Do not allow into any sewer, on the ground or into any body of water. See section 12 for additional ecological information.
Methods and material for containme	ent and cleaning up
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Scrape up as much material as possible. Clean residue with soap and water. Store in a closed container until ready for disposal.
	7. HANDLING AND STORAGE
Precautions for safe handling	
Advice on safe handling	Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Wash thoroughly

# Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep refrigerated at 2°C to 8°C.
Incompatible materials	Strong inorganic acids. Strong organic acids. Oxidizing agents.

after handling. Ensure adequate ventilation, especially in confined areas.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# Control parameters

# **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
GRAPHITE	TWA: 2 mg/m <sup>3</sup> respirable	TWA: 15 mg/m <sup>3</sup> total dust	IDLH: 1250 mg/m <sup>3</sup>
7782-42-5	particulate matter all forms except	synthetic	TWA: 2.5 mg/m <sup>3</sup> natural respirable
	graphite fibers	TWA: 5 mg/m <sup>3</sup> respirable fraction	dust
		synthetic	
		(vacated) TWA: 2.5 mg/m <sup>3</sup>	
		respirable dust natural	
		(vacated) TWA: 10 mg/m <sup>3</sup> total	
		dust synthetic	
		(vacated) TWA: 5 mg/m <sup>3</sup> respirable	
		fraction synthetic	
		TWA: 15 mppcf natural	
COPPER	TWA: 0.2 mg/m <sup>3</sup> fume TWA: 1	TWA: 0.1 mg/m <sup>3</sup> fume	IDLH: 100 mg/m <sup>3</sup> dust, fume and
7440-50-8	mg/m <sup>3</sup> Cu dust and mist	TWA: 1 mg/m <sup>3</sup> dust and mist	mist IDLH: 100 mg/m <sup>3</sup> Cu dust and
		(vacated) TWA: 0.1 mg/m <sup>3</sup> Cu dust,	mist
		fume, mist	TWA: 1 mg/m <sup>3</sup> dust and mist
			TWA: 0.1 mg/m <sup>3</sup> fume TWA: 1
			mg/m <sup>3</sup> Cu dust and mist
LIMESTONE	-	TWA: 15 mg/m <sup>3</sup> total dust	TWA: 10 mg/m <sup>3</sup> total dust
1317-65-3		TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 5 mg/m <sup>3</sup> respirable dust
		(vacated) TWA: 15 mg/m <sup>3</sup> total	
		dust	
		(vacated) TWA: 5 mg/m <sup>3</sup> respirable	
		fraction	
TALC (POWDER)	TWA: 2 mg/m <sup>3</sup> particulate matter	(vacated) TWA: 2 mg/m <sup>3</sup> respirable	
14807-96-6	containing no asbestos and <1%	dust <1% Crystalline silica,	TWA: 2 mg/m <sup>3</sup> containing no
	crystalline silica, respirable	containing no Asbestos	Asbestos and <1% Quartz
	particulate matter	TWA: 20 mppcf if 1% Quartz or	respirable dust
		more;use Quartz limit	
MOLYBDENUM (IV) SULFIDE	TWA: 10 mg/m <sup>3</sup> Mo inhalable	TWA: 15 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup> Mo
1317-33-5	particulate matter	(vacated) TWA: 10 mg/m <sup>3</sup> Mo	
	TWA: 3 mg/m <sup>3</sup> Mo respirable		
	particulate matter		

# Appropriate engineering controls

# Engineering Controls Showers Eyewash stations Ventilation systems.

# Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin and body protection	Wear protective gloves and protective clothing. Use rubber or plastic gloves.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
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	Semi-solid paste		
Appearance Color	No information available copper bronze	Odor Odor threshold	Petroleum distillates No information available
60101			NO INFORMATION AVAILABLE

Property pH Melting point / freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air	Values Neutral No information available > 149 °C / 300 °F > 221 °C / 430 °F No information available No information available	<u>R</u>
Upper flammability limit:	7.0%	
Lower flammability limit:	0.9%	
Vapor pressure	< 0.01 kPa	
Vapor density	> 5	
Relative density	1.15	
Water solubility	Insoluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	
Other Information		
Softening point Molecular weight VOC Content (%) Density Bulk density	No information available No information available No information available No information available No information available	

# Remarks • Method

# **10. STABILITY AND REACTIVITY**

# Reactivity

No data available

# **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

None under normal processing.

# Conditions to avoid

Incompatible materials.

# Incompatible materials

Strong inorganic acids. Strong organic acids. Oxidizing agents.

# Hazardous Decomposition Products

Hydrocarbons. Carbon oxides. Nitrogen oxides (NOx). Oxides of sulfur.

# **11. TOXICOLOGICAL INFORMATION**

# Information on likely routes of exposure

Product Information

Inhalation	No data available.
Eye contact	No data available.

Skin contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Lubricating greasesA complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, and/o 74869-21-9	= 2280 mg/kg (Rat)	-	-
GRAPHITE 7782-42-5	-	-	> 2000 mg/m³ (Rat)4 h
MOLYBDENUM (IV) SULFIDE 1317-33-5	-	-	> 2820 mg/m³ (Rat)4 h

### Information on toxicological effects

Symptoms

No information available.

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

Sensitization	
Germ cell mutagenicity	

No information available. No information available.

# Carcinogenicity

Chemical Name	ACGIH	IARC	NTP	OSHA
TALC (POWDER)	-	Group 3	-	Х
14807-96-6				

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration hazard

No information available. No information available. No information available. No information available.

# Numerical measures of toxicity - Product Information

# The following values are calculated based on chapter 3.1 of the GHS documentATEmix (oral)2,280.00mg/kgmg/l

# 12. ECOLOGICAL INFORMATION

# Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Lubricating greasesA complex	-	2000: 96 h Salmo gairdneri mg/L	-
combination of hydrocarbons having		LC50	
carbon numbers predominantly in			
the range of C12 through C50. may			
contain organic salts of alkali			
metals, alkaline earth metals, and/o			
74869-21-9			
GRAPHITE	-	100: 96 h Danio rerio mg/L LC50	-
7782-42-5		semi-static	
COPPER	0.031 - 0.054: 96 h	0.0068 - 0.0156: 96 h Pimephales	0.03: 48 h Daphnia magna mg/L
7440-50-8	Pseudokirchneriella subcapitata	promelas mg/L LC50 0.3: 96 h	EC50 Static
	mg/L EC50 static 0.0426 - 0.0535:	Pimephales promelas mg/L LC50	
	72 h Pseudokirchneriella	static 0.052: 96 h Oncorhynchus	
	subcapitata mg/L EC50 static	mykiss mg/L LC50 flow-through	
		0.112: 96 h Poecilia reticulata mg/L	
		LC50 flow-through 0.2: 96 h	
		Pimephales promelas mg/L LC50	
		flow-through 0.3: 96 h Cyprinus	
		carpio mg/L LC50 semi-static 0.8:	

		96 h Cyprinus carpio mg/L LC50 static 1.25: 96 h Lepomis macrochirus mg/L LC50 static	
TALC (POWDER)	-	100: 96 h Brachydanio rerio g/L	-
14807-96-6		LC50 semi-static	

# Persistence and degradability

No information available.

# **Bioaccumulation**

No information available.

Other adverse effects

No information available

# **13. DISPOSAL CONSIDERATIONS**

# Waste treatment methods

**Disposal of wastes** 

Disposal should be in accordance with applicable regional, national and local laws and regulations.

# **Contaminated packaging**

Do not reuse container.

Chemical Name	California Hazardous Waste Status
COPPER	Toxic
7440-50-8	

# 14. TRANSPORT INFORMATION

# DOT

UN/ID no.	None
Proper shipping name	Not regulated
Hazard Class	None
Packing Group	None
Special Provisions	None
IATA_	
UN/ID no.	None
Proper shipping name	Not regulated
Hazard Class	None
Packing Group	None
Special Provisions	None
IMDG_	
UN/ID no.	None
Proper shipping name	Not regulated
Hazard Class	None
Packing Group	None
Special Provisions	None

# **15. REGULATORY INFORMATION**

# International InventoriesTSCACompliesDSL/NDSLCompliesEINECS/ELINCSCompliesENCSCompliesIECSCCompliesKECLComplies

PICCS	Complies
AICS	Complies

All ingredients are on the inventory or are exempt from listing.

# 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 and Evaluated Chemical Substances **PICCS** Philippines Inventory of Chemicals and Chemical Substances
- AICS Australian Inventory of Chemical Substances

# 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

Chemical Name	SARA 313 - Threshold Values %
COPPER - 7440-50-8	1.0

# SARA 311/312 Hazard Categories

Acute health hazard	-
Chronic Health Hazard	-
Fire hazard	-
Sudden release of pressure hazard	-
Reactive Hazard	-

# 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	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
COPPER	-	X	Х	-
7440-50-8				

### **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	CERCLA/SARA RQ	Reportable Quantity (RQ)
COPPER	5000 lb	-	RQ 5000 lb final RQ
7440-50-8			RQ 2270 kg final RQ

# US State Regulations

# **California Proposition 65**

This product does not contain any Proposition 65 chemicals

# U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
GRAPHITE	Х	Х	Х
7782-42-5			
COPPER	Х	Х	Х
7440-50-8			
LIMESTONE	Х	Х	Х
1317-65-3			

	N N	X	×
TALC (POWDER)	Х	Х	X
14807-96-6			
MOLYBDENUM (IV) SULFIDE	-	Х	-
1317-33-5			

# U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

# 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>NFPA</u>	Health hazards -	Flammability -	Instability -	Physical and Chemical Properties -
HMIS	Health hazards -	Flammability -	Physical hazards -	Personal protection -
Prepared By Issue Date Revision Date Revision Note	SDS coordinator 24-Apr-2015 24-Apr-2020 No information available			

# **Disclaimer**

The information provided in this Material 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**