

**HANGSTERFER'S®**

Research, Development & Manufacturing of Metalworking Lubricants

Safety Data Sheet

Issue Date 03-11-2021

Revision date 03-11-2021

Revision Number 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product name

Supreme Coat Plus

Other means of identification**Recommended use of the chemical and restrictions on use**

Material Uses

Corrosion inhibitor.

Uses advised against

Verify Applications

Details of the supplier of the safety data sheet**Manufacturer**

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Website: www.hangsterfers.com**Emergency telephone number**

2. Hazards Identification

Prepared according to OSHA Hazard Communication Standard (29 CFR 1910.1200) and ANSI MSDS Standard (Z400.1).
Complies with Canadian Workplace Hazardous Materials Information System (WHMIS) standards.

Classification

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Label elements**EMERGENCY OVERVIEW**

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

Appearance Amber**Physical state** Liquid**Odor** Mild**Hazards not otherwise classified (HNOC)****Other Information**

- No known effect

3. Composition/information on Ingredients

Chemical Family

Petroleum Hydrocarbon.

4. First Aid Measures

Description of first aid measures

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin contact	Wash with plenty of water and soap. Consult a physician if necessary.
Inhalation	Remove to fresh air. Consult a physician if necessary.
Ingestion	Do NOT induce vomiting. Drink plenty of water. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms	None known.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. Fire-Fighting Measures

Suitable extinguishing media

Water spray or fog is preferred; if water not available use dry chemical, CO2 or regular foam.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

May be ignited by heat, sparks or flames. Keep product and empty container away from heat and sources of ignition.

Hazardous combustion products Carbon oxides.

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	Remove all sources of ignition. Avoid contact with the skin and the eyes. Wear boots, gloves and protective suit when handling large spills. Ensure adequate ventilation.
Other Information	Report spills as required to the appropriate authorities.

Environmental precautions

Environmental precautions	No unusual hazard.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.
Methods for Clean-up	Take up mechanically, placing in appropriate containers for disposal.

7. Handling and Storage

Precautions for safe handling

Handling	Avoid contact with eyes. Keep container in a well-ventilated place. Do not puncture, crush or incinerate containers.
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Conditions for safe storage, including any incompatibilities

Storage	Keep container tightly closed in a dry and well-ventilated place. Keep away from direct sunlight. Keep away from heat and sources of ignition.
Incompatible materials	Acids and oxidizing agents.

8. Exposure Controls/Personal Protection**Control parameters**

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

Engineering controls	Use in well ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below the recommended mineral oil mist exposure limits (ACGIH TLV TWA: 5 mg/m ³ ; ACGIH TLV STEL: 10 mg/m ³ ; OSHA PEL TWA: 5 mg/m ³).
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Individual protection measures, such as personal protective equipment

Eye/face protection	Safety glasses with side-shields.
Skin and Body Protection	Use protective gloves and clothing if contact with product is likely.
Respiratory protection	If personal exposure levels cannot be maintained below accepted exposure limits, NIOSH/MSHA approved respiratory protection should be worn.
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	Liquid	Odor	Mild
appearance	Clear	Odor threshold	No information available
Color	Amber		
Property	Values	Remarks • Method	
pH	aqueous solution		
Melting point / freezing point	No information available		
Boiling point / boiling range	248 °C / 478 °F		
Flash point	112 °C / 235 °F		
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit:	Not applicable		
Lower flammability limit:	Not flammable		
Vapor pressure	<0.01 mmHg @ 20 °C		
Vapor density	> 5		
Specific gravity	0.823		
Water solubility	Insoluble in water		
Solubility in other solvents	No information available		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature			
Kinematic viscosity	3.25 cSt @ 40°C / 35.7 SUS @ 100°F		
Dynamic viscosity	No information available		
VOC Content (%)	negligible		

10. Stability and Reactivity**Reactivity**

No unusual hazard

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal use conditions.

Hazardous polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials

Acids and oxidizing agents.

Hazardous decomposition products

Carbon oxides.

11. Toxicological Information**Information on likely routes of exposure**

Product Information Product does not present an acute toxicity hazard based on known information

Inhalation No unusual hazard.

Eye contact No unusual hazard.

Skin contact No unusual hazard.

Ingestion No unusual hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

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

Skin corrosion/irritation OECD 404 - Non-irritating and non-corrosive (rabbit).

Serious eye damage/eye irritation No unusual hazard.

Sensitization No known effect.

Mutagenic Effects No known effect.

Carcinogenicity No known effect.

Reproductive effects No known effect.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic toxicity No known effect.

Aspiration Hazard No unusual hazard.

Numerical measures of toxicity - Product Information

Oral LD50 > 5000 mg/kg (rat)

12. Ecological Information

Ecotoxicity

No known effect

Persistence/Degradability

No unusual hazard

Bioaccumulation

There is no data for this product.

Other adverse effects

None known

13. Disposal Considerations**Waste treatment methods****Waste Disposal Method**

Dispose of in accordance with federal, state and local regulations.

Contaminated packaging

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

14. Transport Information**DOT**

UN-No	Not regulated
Proper shipping name	Not regulated
Packing group	Not regulated
Labels	Not regulated
Description	Not regulated

TDG

Not regulated

UN-No	Not regulated
Proper shipping name	Not regulated
Packing group	Not regulated
Labels	Not regulated
Description	Not regulated

IMDG

Not regulated

UN number	Not regulated
UN proper shipping name	AEROSOLS
Transport hazard class(es)	Not regulated
Packing group	Not regulated
Labels	Not regulated
Description	Not regulated

RID

UN-No	Not regulated
Proper shipping name	Not applicable
Packing group	Not regulated
Description	Not regulated

IATA

Not regulated

UN number	Not regulated
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Proper shipping name	Not applicable
Labels	Not regulated
Packing group	Not regulated
Description	Not regulated

PG* : Packing group

15. Regulatory Information

International Inventories

TSCA	Complies
DSL	Complies
NDSL	Complies
EINECS	Complies
ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

US 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 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. Regulations & Inventories

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

No regulatory requirements found. All components of this product are either listed on the TSCA inventory or are exempt from listing requirements.

U.S. EPA Label information

EPA Pesticide registration number Not applicable

CANADA

16. Other Information

<u>NFPA</u>	Health hazards 1	Flammability 1	Instability 0	Physical and chemical properties - Personal Protection SECTION 8: Exposure controls/personal protection
<u>HMIS</u>	Health hazards 1	Flammability 1	Physical hazards 0	

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Revision Summary

Disclaimer

The information provided on this SDS 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.

End of SDS