



MS-TECH Safety Data Sheet

Version: 1.0

Revision Date: 05/05/2015

Print Date: 06/1/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: MS-TECH – Anti Seize grease

MIL DTL: 25681

Product Use Description: Lubricant Anti Seize compound

Company:

Manufacturer
Artech Lubricants
18 Taylor Ave. Ste. 2C
Bethel CT. 06801
United States of America



Telephone: +1 845 858 8558

Emergency telephone number: CHEMTREC: (24 hours) 800-424-9300

:

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by

Product Safety Department
Info@artechpackaging.co

Recommended use of the chemical and restrictions on use

Recommended use : Lubricant

Restrictions on use : For use in industrial installations only.

SECTION 2. HAZARDS IDENTIFICATION

Form	paste
Color	Gray/black
Odor	odorless

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Other hazards : None

Not a hazardous substance or mixture.

Self-ignitable : No data available



MS-Tech

Version: 1.0

Revision Date: 05/05/2015

Print Date: 06/01/2015

Carcinogenicity:

IARC

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
molybdenum disulphide	1317-33-5	>= 30 - < 50 %
Silicone – Siloxanes & Silicones dimethyl, diphenyl	68083-14-7	>= 40- < 60%

SECTION 4. FIRST AID MEASURES

- If inhaled : Remove to fresh air.
Aspiration may cause pulmonary oedema and pneumonitis.
If breathing is difficult, give oxygen.
If symptoms persist, call a physician.
- In case of skin contact : Wash off with warm water and soap.
If skin irritation persists, call a physician.
Cool skin rapidly with cold water after contact with molten material.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention immediately.
- If swallowed : Do NOT induce vomiting.
Obtain medical attention.
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed: None known.

Notes to physician : For specialist advice physicians should contact the Poisons Information Service.



MS-TECH

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SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : (on small fires)
Carbon dioxide (CO₂)
Dry chemical
Dry sand
Extinguishing media - large fires
Water mist Foam

Unsuitable extinguishing media: Water spray jet

Specific hazards during firefighting: Burning produces irritant fumes.
Exposure to decomposition products may be a hazard to

health

Specific extinguishing methods: Cool containers/tanks with water spray.

Special protective equipment for firefighters: Self-contained breathing apparatus with full face-piece operated in positive pressure mode. Body covering protective clothing, full "turn-out" gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment.

Environmental precautions : Should not be released into the environment.
Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up: Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled ~~containers~~

SECTION 7. HANDLING AND STORAGE

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice.
Wear suitable protective equipment.
Avoid contact with skin, eyes and clothing.
Keep tightly closed. Protect from contamination.

Conditions for safe storage: Keep tightly closed in a dry, cool and well-ventilated place.

Materials to avoid : Strong oxidizing agents

Engineering measures: Use with adequate ventilation

MS-Tech

Version: 1.0

Revision Date: 05/05/2015

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
molybdenum disulphide	1317-33-5	TWA (total dust)	15 mg/m ³	OSHA Z-1
		TWA (Inhalable fraction)	10 mg/m ³	ACGIH
		TWA (Respirable fraction)	3 mg/m ³	ACGIH
		TWA (Total dust)	10 mg/m ³	OSHA P0
Silicone	68083-14-7	No Exposure limits noted; No biological exposure limits noted. This product may be capable of generating 0.1 ppm or > formaldehyde vapors under certain unusual circumstances. Based on OSHA 29 CFR 1910.1048		

Personal protective equipment

Respiratory protection	: No personal respiratory protective equipment normally required.
Hand protection	
Remarks	: When handling hot material, use heat resistant gloves.
Eye protection	: Safety goggles
Skin and body protection	: impervious clothing
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Use only with adequate ventilation. Avoid breathing vapors, mist or gas.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: paste
Color	: No data available
Odor	: Odorless
Odor Threshold	: No data available
pH	: No data available
Melting point/range	: No data available

MS-Tech

Version: 1.0

Revision Date: 05/05/2015

Print Date: 06/01/2015

Boiling

point/boiling range : No data available

Evaporation rate: No data available

Flash point: > 300 °C
Method: open cup

Auto-flammability : No data available
Upper explosion limit : No data available
Lower explosion limit : No data available
Vapor pressure : Not applicable

Relative vapor density : No data available

Relative density: > 1

Solubility(ies)

Water solubility: negligible

Solubility in other solvents: partly

soluble

Partition coefficient: n- octanol/water: No data available

Auto-ignition temperature: not determined

Thermal decomposition: No data

available

Viscosity

Viscosity, dynamic: No data available

Viscosity, kinematic: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal

use. Chemical stability: No decomposition if stored and applied as directed.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid: Contamination

Incompatible materials: Strong oxidizing

agents

Hazardous decomposition products: Oxides of calcium Sulphur oxides Carbon oxides



MS-Tech

Version: 1.0

Revision Date: 05/05/2015

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SECTION 11. TOXICOLOGICAL INFORMATION

Aspiration toxicity (Product): No aspiration toxicity classification

Further information (Product): No data is available on the product itself.

SECTION 12. ECOLOGICAL INFORMATION

Eco toxicity effects

Toxicity to fish (Product): Remarks:
No data available

Toxicity to daphnia and other aquatic invertebrates (Product): Remarks:
No data is available on the product itself.

Elimination information (persistence and degradability)

Bioaccumulation (Product): Remarks:
No data available

Mobility (Product): Remarks:
No data available

Biodegradability (Product): Result: No data available

Further information on ecology

Ecotoxicology Assessment

Results of PBT assessment (Product)

This mixture contains no substance considered to be persistent, bio-accumulating and toxic (PBT).

Additional ecological information (Product): No information on ecology is available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : In accordance with local and national regulations.



MS-Tech

Version: 1.0

Revision Date: 05/05/2015

Print Date: 06/1/2015

SECTION 14. TRANSPORT INFORMATION

ADR

Not dangerous goods

RID

Not dangerous goods

MERCOSUR

Not dangerous goods

DOT

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

MS-Tech

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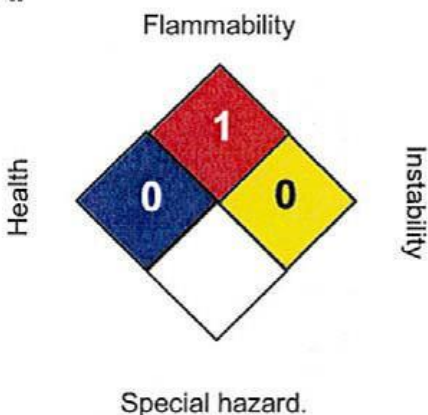
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The components of this product are reported in the following inventories:

US.TSCA	On TSCA Inventory
DSL	All components of this product are on the Canadian DSL.
AICS	On the inventory, or in compliance with the inventory
NZIoC	On the inventory, or in compliance with the inventory
ENCS	Not in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Further information

The information provided in this 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 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.