

SMT² SYNTHETIC ENGINE METAL TREATMENT

DATE PREPARED: 02/2012

MATERIAL SAFETY DATA SHEET

1. General Information

Name of Supplier:

NLS Products

**Box 790, 1 Lakewood Crescent
Bobcaygeon, Ontario, K0M 1A0**

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**Manufacture: Hi-Gear Products, Inc. 14 Brent Drive. Hudson, MA 01749 USA
Canada / US Emergency Response Chem-Trek # 1-800-424-9300**

Product Name: SMT² Synthetic Engine Metal Treatment

Product Type: Engine Metal Treatment

Stock #'s: SMT2507, HG2514, SMT2521, SMT2528, SMT2530, SMT2535, SMT2542, SMT2549

2. Composition / Information on Ingredients

Product Use and ingredient description: Proprietary, non-toxic, non-flammable, non-oil, non-corrosive, synthetic Extreme Pressure (EP) additive.

This product contains no hazardous substance within the definition of OSHA Regulation 29 CFR 1910.1200/21 CFR 178.3570.

3. Hazards Identification

Eyes: Slight irritation to eyes but will not injure eye tissue.
Inhalation: No inhalation dangers at room temperatures as there are any vapors.
Ingestion: No significant hazard. Minimal toxicity. Ingestion of large amounts may cause intestinal irritation. Ingestion into lungs may cause chemical bronchopneumonia or pulmonary edema.
Skin: May irritate the skin after prolonged periods of contact.

4. First Aid Measures

Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help.
Inhalation: Clear air passage. If respiratory difficulty continues, seek medical help.
Skin: Wash thoroughly with hand cleanser, followed by soap and water. Contaminated clothing should be dry cleaned before re-use.
If Swallowed: Call physician, do not induce vomiting

5. Firefighting Measures

Flash Point (COC) °F (°C): Non-Flammable **Flammability:** Non-Flammable **Unsuitable:** Water jet.

Auto ignition Temperature °F (°C): Non-Flammable

Suitable: Fires involving this product are unlikely, however should one occur:

Use: Foam, dry powder, Halon®, carbon dioxide, sand, earth and water mist.

Protective Equipment for FireFighting: Self-contained breathing apparatus.

6. Accidental Release Measures

Environmental Precautions: Do not allow it to enter drains.

Spillage: Contain spill and keep from entering waterways. Use caution as exposed surfaces may be extremely slippery. Remove all sources of ignition and where possible, uncontaminated equipment/items. Absorb with porous material. Large quantities can be pumped. Dispose of saturated materials in accordance with Federal, State, and local regulations.

7. Storage and Handling

Handling: No special handling precautions necessary.

8. Exposure Controls / Personal Protection

Exposure Control / Personal Protection: No special equipment needed

Hand Protection: Oil-proof gloves for hypersensitive persons.

Eye Protection: Glasses, if applied to parts in motion.

Body Protection: Overalls.

9. Physical and Chemical Properties

Physical State:	Liquid
Color:	Light Amber
Odor:	Pleasant, light odor
pH:	Neutral
Boiling Range / Point °F (°C):	>850 (>450)
Pour Point °F (°C):	<-0 (<-32)
SG/50C:	1.390 Lower Spec – 1.430 Upper Spec
Stokes:	31 Lower Spec – 68 Upper Spec
SUS 210F:	90 Lower Spec – 135 Upper Spec
Evaporation Rate:	Negligible
Vapor Pressure (kPa):	< 0 . 0 1
Percent Volatiles:	None
Density (g/cm3):	>0.8 and <1.0
OAR Value:	UN
Oxidizing Properties:	None
Water Solubility:	Insoluble
Vapor Density:	Greater than air

10. Stability and Reactivity

Stability: Stable. **Materials to Avoid:** Strong inorganic and organic acids, oxidizing agents. **Reactivity:** Nil.

11. Toxicological Information

Acute Toxicity: Not known **Irritancy-Skin:** Very mild **Skin Sensitization:** Not known **LD-50:** Not applicable
Sub-acute / Sub-chronic Toxicity: Not known **Geno-toxicity:** None known **Chronic Toxicity:** None known
California Prop 65: N / A **Carcinogen:** NTP: No **IARC:** No **OSHA:** No **EC Classification (67 / 548 / EEC):**

12. Ecological Information

Behavior: Relatively well behaved. Bioaccumulation potential nil.

Environmental Fate: Due to its fluid nature and specific gravity, this product will float or spread across water making it a nuisance contaminant. It is not toxic to marine or land organisms.

13. Disposal Considerations

Waste Disposal: Consider recycling. This product, as sold, does not meet the RCRA characteristics of a hazardous waste. Under RCRA, it is the responsibility of the user, at the time of disposal, to determine whether the product meets the RCRA criteria for hazardous waste. Contact a waste disposal company or local authority for advice.

Container Disposal: See waste disposal section listed above.

14. Transportation Information

Transportation: DOT Hazard Class – Not Regulated **DOT:** Non-hazardous

UN No.: N / A

DOT: Non-hazardous

Air Transport (ICAO, IATA): Bulk Non-hazardous

Sea Transport (IMO, IMDG): Bulk Non-hazardous

Road and Rail Transport (ADR / RID): Bulk Non-hazardous

15. Regulatory Information

Toxicity: Not a controlled product.

Labeling Information:

None needed

EC Annex 1 Class.:

N/A

R Phrases:

N/A

SARA 311 / 312:

None

S Phrases:

None

Ozone Depleting Chemicals:

N/A

CERCLA:

Non-hazardous

TSCA:

All components are listed

WHMIS (Canada):

Not regulated

Canadian DSL:

All components are listed

40 CFR Part (SARA Section 313):

N/A

RCRA Hazard Class:

Non-hazardous

TSCA 12B Components:

None

16. Disclaimer

This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

To the best of our knowledge, the information contained herein is accurate; obtained from sources believed by NLS Products to be accurate. Since the conditions and methods of use of our product are beyond our control, we disclaim any and all liability arising out of the improper use of this product or the information provided herewith.

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