

VIPER

Material Safety Data Sheet

Product Name: TechGuard 5061GMA/5066GMA
Emergency Phone: CHEMTREC – US/CN - 1-800-424-9300
CHEMTREC – Outside US - +1-202-483-7616
Non-Emergency – 913-310-1050

HMS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)
Health: 1 Flammability: 0 Reactivity: 1

Techguard 1, 5061,5066

MATERIAL SAFETY DATA SHEET MSDS Part No. 804-497-000

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: TECHGUARD Additive 1, 5061 & 5066
Product Description: Sodium dimethyldithiocarbamate (in water solution)
Manufacturer: Clore Automotive, LLC, 8600 NE Underground Dr., Kansas City, MO 64161
24-Hour Emergency Phone: 800- 424-9300, 703-527-3887 (CHEMTREC) (Non-emergency 913-310-1050)

HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)
health: 1 Flammability: 0 Reactivity: 1

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS Number</u>	<u>Percent by Wt.</u>
Sodium dimethyldithiocarbamate (in water solution) (See section 8 for exposure guidelines.)	128-04-1	3

3. HAZARDS IDENTIFICATION

Emergency Overview:
Clear liquid with slight amine odor.
Irritating to eyes, skin, nose, throat, and lungs.

Potential Health Effects:

Eye Contact: Irritating to the eyes.
Skin Contact: Irritating to the skin.
Inhalation: Inhalation of mists at high levels may cause irritation to nose, throat, and lungs.
Ingestion: Product may be harmful if swallowed. May cause severe irritation or damage to mucous membrane or mouth esophagus.
Chronic: None known. Contains no potential agent causing cancer under OSHA, IARC (International Agency for Research on Cancer), or NTP (National Toxicology Program)

4. FIRST AID MEASURES

Eye Contact: Immediately flush eye with plenty of water for 15 minutes. Get medical attention.
Skin Contact: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation occurs.
Inhalation: Remove to fresh air.
Ingestion: Do NOT induce vomiting. If conscious, give victim 1-2 glasses of water or milk. Get medical attention immediately.
Other Information: See a physician if VICTIM experiences nausea, headache, dizziness, difficulty breathing or cyanosis.

5. FIRE FIGHTING MEASURES

Flammable Properties: Flash Point: Greater than 212 °F
Flammable Limits: Not Applicable
Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures:

1. Asses the situation to determine if you can safely handle the spill.
2. Determine if outside help is needed
3. Wear proper protective equipment (See Section 8).
4. Dike to contain; recover all possible. Place in suitable containers.
5. Contact necessary local, state and federal authorities and dispose of in accordance with local, state and federal regulations

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7. HANDLING AND STORAGE

1. Keep container closed when not in use.
2. Wash exposed skin thoroughly after handling.
3. Launder contaminated clothing before reuse.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: Sodium dimethyldithiocarbamate: OSHA-PEL: None established.
ACGIH-TLV: None established

Engineering Controls: Local exhaust ventilation may be necessary.

Respiratory Protection: None normally needed.

Eye Protection: Safety glasses or goggles required.

Skin Protection: Rubber gloves required.

Other Protective Equipment: As needed to prevent prolonged or repeated skin contact. Eye wash fountain in work area is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odor: Slight amine odor

Boiling Point: 212 °F Min.

Vapor Pressure: As Water

Vapor Density (air=1): As Water

Solubility in Water: Complete

Specific Gravity: 1.01 at 25 °C

Percent Volatile: 97 (water)

Evaporation Rate: As Water

pH: 10.8

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extreme heat

Incompatibility: Strong acids will cause decomposition. Corrosive to aluminum.

Hazardous: Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon disulfide and dimethylamine.

11. TOXICOLOGICAL INFORMATION

No information available

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Product is not a listed hazardous waste.
Any disposal practice must be in compliance with local, state, and federal laws and regulations (contact local or environmental agency for specific rules.)

14. TRANSPORT INFORMATION

Transportation and Hazardous Materials Description: Not a Hazardous Material for DOT shipping.

15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA): The ingredients of this product are all on the TSCA inventory list.

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16. OTHER INFORMATION

The following label hazard ratings are recommended:

<u>HMIS</u>	<u>Code</u>
Health-1	4-Severe
Flammability-0	3-Serious
Reactivity-1	2-Moderate
	1-Slight
	0-Minimal

OTHER PRECAUTIONS:

For industrial use only. Keep out of reach of children.

Blended and packaged by: National-Purity, Inc., 434 Lakeside Ave. N., Minneapolis, MN 55405

The information provided in this MSDS relates only to TECHGUARD Additive 1 and may not be valid if such material is used in combination with any other material or in any process. In addition, the information contained herein is based on data made available to Clore Automotive, LLC by raw material suppliers, who can provide additional information concerning TECHGUARD Additive 1 components.

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