



**STRIKE HOLD
(BULK)**
VOC COMPLIANT

MATERIAL SAFETY DATA SHEET

SECTION 1-CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: STRIKE HOLD (BULK)
CAS NUMBER: MIXTURE
Description: CLEANER/ LUBRICANT
Manufacturer: MPH System Specialties, Inc.
13411 Hwy 53 East
Marble Hill, Georgia 30148

EMERGENCY TELEPHONE: CHEMTREC 1-800-424-9300

General Assistance: 1-877-320-4747

SECTION 2- COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components greater than 1.0% (0.1% if carcinogen or suspected carcinogen)

| <u>INGREDIENT</u> | <u>CAS NO.</u> | <u>OSHA PEL-TWA</u> | <u>ACGIH TLV-TWA</u> | <u>% WT</u> |
|------------------------------------|----------------|---------------------|----------------------|-------------|
| Tetrachloroethylene | 127-18-4 | 100 ppm | 25 ppm | 60 – 70 |
| Hydrotreated Naphthenic Distillate | 64742-53-6 | 5 mg/m3 | 5 mg/m3 | 20 – 30 |
| Bis(tridecyl) Adipate | 16958-92-2 | 5 mg/m3 | NE | 1 – 5 |
| Metal Working Additive | Mixture | NE | NE | 1 – 5 |

SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Warning! Flammable! Avoid eye and skin contact. Avoid inhalation, use with adequate ventilation. Keep away from heat and ignition sources. Affects central nervous system, liver and kidneys. Suspect cancer hazard. Risk of cancer depends on level and duration of exposure.

ROUTES OF ENTRY: Inhalation: Yes Skin: Yes Ingestion: Yes

POTENTIAL HEALTH EFFECTS

EYES: Redness, irritation and tearing.

SKIN: Redness, irritation and defatting of skin. Dermatitis.

INGESTION: Asphyxiant. Gastrointestinal irritation, nausea, vomiting. Aspiration hazard if swallowed.

INHALATION: Respiratory irritation, dizziness, weakness. Headaches, nausea, central nervous system depressant.

ACUTE HEALTH HAZARDS: High vapor concentrations are irritating to the eyes and respiratory tract. May cause headaches, dizziness, drowsiness, unconsciousness and other central nervous system effects, including death.

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing eye, skin and respiratory disorders.

CARCINOGENICITY for Tetrachloroethylene:

ACGIH: Group A3, Animal Carcinogen **NTP:** Anticipated Human Carcinogen **IARC:** Group 2A, Animal Carcinogen



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SECTION 4- FIRST AID MEASURES

EYES: Flush immediately with water for 15 minutes. Consult physician if irritation persists.
SKIN: Remove contaminated clothing. Thoroughly wash with soap and water. Consult physician if irritation persists.
INGESTION: Do not induce vomiting. Get immediate medical attention.
INHALATION: Move to fresh air. Get medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Contains petroleum distillates, vomiting may cause aspiration pneumonia hazard. Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning.

SECTION 5- FIRE FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: NE
(% BY VOLUME) LOWER: NE
FLASH POINT: Not Applicable **METHOD USED:** Closed Cup

AUTOIGNITION TEMPERATURE: NE

NFPA HAZARD CLASSIFICATION

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

HMIS HAZARD CLASSIFICATION

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

PERSONAL PROTECTION EQUIPMENT: B

EXTINGUISHING MEDIA: Water spray or fog, Foam, CO₂, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Treat as pressurized container. Closed container exposed to heat may explode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION 6- ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Large spills are unlikely due to aerosol packaging. Ventilate area. Soak up with absorbent material and dispose of accordingly.

SECTION 7- HANDLING & STORAGE

HANDLING AND STORAGE: Keep away from heat. Keep away from ignition sources. Store in well ventilated areas. Avoid breathing vapors.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS - VENTILATION : Sufficient to control airborne levels.

RESPIRATORY PROTECTION: Wear appropriate respirator when ventilation is inadequate.

EYE PROTECTION: Safety glasses.

SKIN PROTECTION: Not required – avoid contact with skin.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Long term protection-Nitrile rubber gloves. Incidental contact-PVC or neoprene gloves.



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SECTION 9- PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Liquid
PERCENT VOLATILE BY WT: 67 % @ 68° F
VOLATILE ORGANIC COMPOUNDS BY WT (VOC): 0%
ODOR: Ether, Solvent
PHYSICAL STATE: Liquid
pH AS SUPPLIED: Not Applicable
BOILING POINT: 250° F
MELTING POINT: Not Applicable
FREEZING POINT: Not Applicable
VAPOR PRESSURE (mmHg): 5172 @ 68° F
VAPOR DENSITY (AIR = 1): > 1 @ 68° F

SOLUBILITY IN WATER: Immiscible. mg/liter @ 77° F
EVAPORATION RATE: (Ethyl Ether = 1) < 1
SPECIFIC GRAVITY (H2O = 1): > 1 @ 68° F

SECTION 10-STABILITY & REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID (STABILITY): Open flames, ignition sources, temperatures above 120° F.
INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers, strong alkalis.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Heated decomposition products may form oxides of carbon, hydrogen chloride.
HAZARDOUS POLYMERIZATION: None known

SECTION 11-TOXICOLOGICAL INFORMATION

| <u>Component</u> <u>TOXICITY</u> | <u>CAS#</u> | <u>ACUTE ORAL TOXICITY</u> | <u>ACUTE DERMAL TOXICITY</u> | <u>ACUTE INHALATION</u> |
|---------------------------------------|-------------|----------------------------|------------------------------|-------------------------|
| Tetrachloroethylene hr (Rat) | 127-18-4 | LD50: 2,629 mg/kg (Rat) | LD50:>10,000 mg/kg (Rabbit) | LC50: 4,100 ppm / 6 |
| Hydrotreated Naphthenic Distillate | 64742-53-6 | NE | NE | NE |
| Bis(tridecyl) Adipate | 16958-92-2 | NE | NE | NE |

SECTION 12-ECOLOGICAL INFORMATION

ECOTOXICITY: May be harmful to aquatic organisms. Spills may form a film on water surfaces causing physical damage to organisms.
 Oxygen transfer could also be impaired.

PERSISTENCE / DEGRADABILITY: This product is moderately biodegradable.
MOBILITY: Spillages are unlikely to penetrate the soil.

WASTE DISPOSAL METHOD: Do not puncture can or incinerate. Incinerate properly in commercial incinerator in accordance with local regulations. Empty container may be disposed in sanitary landfill or recycled.

RCRA HAZARD CLASS: This product may be a RCRA Hazardous waste upon disposal due to the ignitability characteristic and chlorinated solvent.



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SECTION 14-TRANSPORTATION INFORMATION

55 Gal. Drum:

PROPER SHIPPING NAME: Tetrachloroethylene

DOT HAZARD CLASS/ Pack Group: 6.1

UN Number: UN1897

PACKING GROUP: III

Packaged less than 1 liter:

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Tetrachloroethylene

HAZARD CLASS: 6.1

ID NUMBER: UN1897

PACKING GROUP: III

WATER TRANSPORTATION

PROPER SHIPPING NAME: Tetrachloroethylene

HAZARD CLASS: 6.1

ID NUMBER: UN1897

PACKING GROUP: III

AIR TRANSPORTATION

PROPER SHIPPING NAME: Tetrachloroethylene

HAZARD CLASS: 6.1

ID NUMBER: UN1897

PACKING GROUP: III

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100-177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for details regulations and exceptions covering container sizes, packing materials and methods of shipping.

SECTION 15- REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components are TSCA registered.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Tetrachlorethylene RQ: 100 lbs

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: Immediate, Delayed, Fire

313 REPORTABLE INGREDIENTS: Tetrachlorethylene CAS# 127-18-4 70%

SECTION 16-Other Information

| H.M.I.S | |
|--------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |



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OTHER INFORMATION: ISSUE Date November 29,2009. Revised Material Safety Data Sheet: New Format

PREPARATION INFORMATION:

DISCLAIMER: Periodically, user should request new MSDS to assure it matches current formulation. The above information is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use or misuse are beyond our control, no warranty is made either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.