



STRIKE HOLD "CDLP"

(AEROSOL)

VOC COMPLIANT

SAFETY DATA SHEET

SECTION 1-CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: STRIKE-HOLD
CAS NUMBER: MIXTURE
Description: CLEANER/ LUBRICANT
Manufacturer: MPH SYSTEM SPECIALTIES, INC.
11213 Hwy 53, E.
Marble Hill, GA. 30148 U.S.A.

EMERGENCY TELEPHONE: CHEMTREC 1-800-424-9300

General Assistance: 1-866-331-0572

SECTION 2-HAZARDS-IDENTIFIATION

EMERGENCY OVERVIEW: Warning! Avoid eye and skin contact. Avoid inhalation, use with adequate ventilation. Keep away from heat and ignition sources. Do not puncture container. Store in secure area in accordance with local/regional/national/international regulations.

HEALTH HAZARDS: Aspiration hazard Category 1.

FLAMABILITY: Slightly Flammable Category 1.

HAZARD SYMBOL(S):



CHRONIC HEALTH HAZARDS: None known.

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

CARCINOGENICITY for Perchloroethylene: Possible carcinogen based on 100% (content in formulation approx. 40%)

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

EMERGENCY OVERVIEW: Warning! Avoid eye and skin contact. Avoid inhalation, use with adequate ventilation. Keep away

SECTION 3- 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> |
|------------------------------------|----------------|---------------------|----------------------|-------------|
| Perchloroethylene | 127-18-4 | 100 ppm | 25 ppm | 45 - 55 |
| Hydrotreated Naphthenic Distillate | 64742-53-6 | 5 mg/m3 | 5 mg/m3 | 25 - 35 |
| Bis(tridecyl) Adipate | 16958-92-2 | 5 mg/m3 | NE | 5 - 8 |
| Metal Working Additive | Mixture | NE | NE | 8 - 12 |
| Carbon Dioxide | 124-38-9 | 5000 ppm | 5000 ppm | 3 - 5 |



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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: <400° F **METHOD USED:** Closed Cup

AUTOIGNITION TEMPERATURE: NE

NFPA HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0

PERSONAL PROTECTION EQUIPMENT: B

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

SPECIAL FIRE FIGHTING PROCEDURES: Treat as pressurized container. Keep aerosol containers cooled with water fog to avoid rupture.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Vapor harmful. Do not puncture or incinerate container.

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. Wear appropriate protective clothing. Eliminate all sources of ignition and ventilate area.

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, Amber in color
mg/liter @ 77° F
PERCENT VOLATILE BY WT: 67 % @ 68° F
FREEZING POINT: Not Applicable
VAPOR PRESSURE (mmHg): 5172 @ 68° F
VAPOR DENSITY (AIR = 1): > 1 @ 68° F
SPECIFIC GRAVITY (H₂O = 1): > 1 @ 68° F
EVAPORATION RATE: (Ethyl Ether = 1) < 1
VOLATILE ORGANIC COMPOUNDS BY WT (VOC): 0%
ODOR: Ether, Solvent
PHYSICAL STATE: Aerosol can
pH AS SUPPLIED: Not Applicable

SOLUBILITY IN WATER: Immiscible.

MELTING POINT: Not Applicable
BOILING POINT: 250° F
ODOR: Mild petroleum odor
FLASH POINT: >400 F (>204 C)

SECTION 10-STABILITY & REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID (STABILITY): Open flames, ignition sources, temperatures above 140° 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> |
|--------------------------------------------|-------------|----------------------------|------------------------------|-------------------------|
| Perchloroethylene hr (Rat) Hydrotreated | 127-18-4 | LD50: 2,629 mg/kg (Rat) | LD50:>10,000 mg/kg (Rabbit) | LC50: 4,100 ppm / 6 |
| Naphthenic Distillate | 64742-53-6 | NE | NE | NE |
| Bis(tridecyl) Adipate | 16958-92-2 | NE | NE | NE |
| Carbon Dioxide | 124-38-9 | | | |

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.

SECTION 13-DISPOSAL CONSIDERATIONS

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

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Consumer Commodity ORM-D

HAZARD CLASS: 2.1 (subrisk 6.1)

LABEL STATEMENT: NA

WATER TRANSPORTATION

PROPER SHIPPING NAME: Aerosol,

HAZARD CLASS: 2.1 (subrisk 6.1)

ID NUMBER: 1950

AIR TRANSPORTATION

PROPER SHIPPING NAME: Aerosol,

HAZARD CLASS: 2.1 (subrisk 6.1)

ID NUMBER: 1950

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 < 40%

SECTION 16-Other Information

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

OTHER INFORMATION: ISSUE Date April 25, 2015 Safety Data Sheet: New Format

PREPARATION INFORMATION:

DISCLAIMER: Periodically, user should request new SDS 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.