



(AEROSOL)

VOC COMPLIANT

#### SAFETY DATA SHEET

SECTION I-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-IDENTIFIACTION

ACGIH: Group A3, Animal Carcinogen

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. CARCINOGENICIY for Perchloroethylene: Possible carcinogen based on 100% (content in formulation approx. 40%) NTP: Anticipated Human Carcinogen IARC: Group 2A, Animal Carcinogen

EMERGENCY OVERVIEW: Warning Avoid eve and skin contact. Avoid inhalation, use with adequate ventilation. Keen away

#### SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components greater than 1.0% (0.1% if carcinogen or suspected carcinogen)							
INGREDIENT	CAS NO.	OSHA PEL-TWA	ACGIH TLV-TWA	% WT			
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 was 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

PERSONNAL PROTECTION EQUIPMENT: B

EXTINGUISHING MEDIA: Water spray or fog, Foam, CO<sub>2</sub>, 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 splils are unlikely due to aerosol packaging. Ventilate area. Soak up with absorbant 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 oder 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 chioride.

HAZARDOUS POLYMERIZATION: None known.

#### SECTION II-TOXICOLOGICAL INFORMATION

Component TOXICITY	CAS#	ACUTE ORAL TOXICITY	ACUTE DERMAL TOXICITY	ACUTE INHALATION
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 Bis(tridecyl) Adipate Carbon Dioxide	64742-53-6 16958-92-2 124-38-9	NE NE	NE 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 moderatly 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.

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