

**Material Safety Data Sheet
SPOTMASTER GEL XP**

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SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME: SPOTMASTER GEL XP
CHEMICAL FAMILY: Flammable Gel
FORMULA: N/A
CAS NUMBER: N/A

SECTION III – COMPOSITION, INFORMATION ON INGREDIENTS

THRESHOLD LIMIT VALUE:.. The TLV in section in section III is the ACGIH/TLV-TWA (threshold limit value/time weighted average concentration for an eight hour work day). The STEL is the short term exposure limit and the (Ceil) is the ceiling limit.

COMPONENT	PERCENT	CAS #	ACGIH/TWA	STEL/TLV
Acetone	40-60	67-64-1	500 PPM	750 PPM
Diethylene glycol monobutyl ether	10-20	112-34-5	200 PPM	400 PPM

SECTION II – HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW:

EYES: Causes severe eye irritation with redness and pain.
SKIN (DERMAL):..... Causes skin irritation. May be absorbed through skin. Causes redness, pain, drying and cracking of the skin.
SWALLOWING (INGESTION): Swallowing may cause abdominal spasms and other symptoms that parallel over exposure from inhalation. Aspiration of material into the lungs can cause chemical pneumonitis, which may be fatal.
INHALATION:..... Inhalation of vapors may cause irritation of the upper respiratory tract. Symptoms of overexposure may include fatigue, confusion, headache, dizziness and drowsiness. Higher concentrations may cause central nervous system depression, narcosis and unconsciousness.

MEDICAL CONDITION AGGRAVATED

BY EXPOSURE:..... Persons with allergies or pre-existing skin conditions should avoid contact with this product.

CHRONIC OVEREXPOSURE:.. Reports of chronic poisoning describe anemia, decreased blood cell count and bone marrow hypoplasia. Liver and kidney damage may occur. Repeated or prolonged contact has a defatting action, causing drying, redness, dermatitis. Exposure may affect the developing fetus.

OSHA REGULATORY STATUS: Since this product is a mixture, there is no defined PEL's (Personal Exposure Limits) established by OSHA. ACGIH TLV's (Threshold Limit Values) for

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hazardous components are listed in the Hazardous Ingredients Section of this MSDS.

SECTION IV – FIRST AID MEASURES

EYES: Remove contact lenses at once. Flush with water for at least 15 minutes. If irritation persists, seek medical attention.

SKIN (DERMAL):..... Wash affected area with copious amounts of soap and water. If irritation develops, seek medical attention.

INHALATION:..... If exposure by inhalation is suspected, immediately move exposed individual to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek a health care professional immediately. Never give anything by mouth to an unconscious person.

SECTION V – FIRE FIGHTING MEASURES

FLASHPOINT:..... 0°F (-18°C) tag, closed cup

LOWER EXPLOSIVE LIMIT:... 13% by vol.

UPPER EXPLOSIVE LIMIT:..... 2.15% by vol.

EXTINGUISHING MEDIA: Carbon dioxide, foam or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid contact with fire fighting personnel as burns may result from contact with skin. when fighting a fire near or involving this product, wear a self-contained breathing apparatus. (SCBA)

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable liquid. Keep away from heat, sparks, and open flame. Guard against spontaneous combustion of improperly discarded oily rags.

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL/ LEAK PROCEDURES:.. Use protective gloves to avoid skin contact. Small spills can be wiped up. Large spills should be absorbed by dirt, sand or other suitable absorbents for disposal. Do not hose spills down drains, sewers or waterways. D-Limonene may be toxic to aquatic organisms. Move leaking containers to well ventilated area. No smoking. Eliminate any source of ignition. Minimize inhalation. Use NIOSH approved respiratory device in areas of high vapor concentration. CAUTION: Slippery on floor.

SECTION VII – HANDLING AND STORAGE

HANDLING INFORMATION: .. Store away from acids, oxidizing compounds and other incompatible materials. Keep containers tightly closed when not in use. Store away from heat or flames. Do not weld, cut or grind on or near any empty containers as vapors may ignite. KEEP OUT OF REACH OF CHILDREN.

STORAGE REQUIREMENTS:.. Keep containers tightly closed when not in use. Empty container completely and dispose of in accordance with applicable regulations. SPILLS: Contain spill. Absorb with inert material and dispose in accordance with applicable regulations. Store away from food production areas and food storage areas.

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SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION:..... Safety goggles or glasses suggested.

RESPIRATORY PROTECTION:Not normally required. If vapor concentration becomes high, use NIOSH approved respirators.

OTHER PROTECTIVE

EQUIPMENT:..... Oil resistant apron, emergency eye wash and shower stations. Wash thoroughly after handling. Launder contaminated clothing before re-use.

VENTILATION:..... Local exhaust sufficient to maintain TLV below permissible exposure limits.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Opaque gel with solvent odor.

BOILING POINT:..... Not Available

VAPOR PRESSURE:..... NOT EST.

VAPOR DENSITY (AIR=1):..... NOT EST.

SPECIFIC GRAVITY:..... 0.85

pH: 7-9 aqueous solution

SOLUBILITY IN WATER:..... Miscible in water.

SECTION X – STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS

POLYMERIZATION: Will not occur

INCOMPATIBILITY: Oxidizing agents, reducing agents, acids and alkalis.

HAZARDOUS

DECOMPOSITION: Smoke may be acrid and fume irritating. Burning generates carbon monoxide, carbon dioxide and smoke.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL

INFORMATION:..... **Acetone:** Oral rat LD50: 5800mg/kg; Inhalation rat LC50: 50,100mg/M³; Irritation eye rabbit, Standard Draize, 20 mg severe; investigated as a tumorigen, mutagen, reproductive effector. Acetone is not listed as a carcinogen by the NTP or IARC. **Diethylene Glycol Monobutyl Ether:** (Glycol Ether DB): Estimated LD50: 2200mg/kg (oral, rabbit), 2400 mg/kg & 6050mg/kg (Oral, mouse), & 4500 & 5560 mg/kg (Oral, rat). Estimated LC50: Not known. Not known. Reproductive Effect: Not known.

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL

INFORMATION:..... Acetone: **Routes of Entry:** Absorbed through skin. Dermal contact. Eye contact. Inhalation. **Toxicity to Animals:** WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 3000 mg/kg [Mouse]. Acute toxicity

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of the vapor (LC50): 44000 mg/m3 4 hours [Mouse]. **Chronic Effects on Humans:** CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH. DEVELOPMENTAL TOXICITY: Classified, Reproductive system/toxin/female, Reproductive system/toxin/male [SUSPECTED]. Causes damage to the following organs: central nervous system (CNS). May cause damage to the following organs: kidneys, the reproductive system, liver, skin. **Other Toxic Effects on Humans:** Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator). **Special Remarks on Toxicity to Animals:** Not available. **Diethylene Glycol Monobutyl Ether:** (Glycol Ether DB) This product cannot accumulate in living tissue. In BOD test, 88% degraded in 28 days. The half-life in air is estimated at 10 hours.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:..... Consult all LOCAL, STATE, and FEDERAL regulations with regard to proper and suitable disposal methods.

SECTION XIV – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: UN-1993, Flammable Liquid, N.O.S. (Contains Acetone) 3, PG-II
HAZARD CLASS AND LABEL: 3 (Flammable liquid)
UN NUMBER: UN-1993
PACKAGING GROUP: PG-II

SECTION XV – REGULATORY INFORMATION

LISTED CARCINOGEN:..... None known
TSCA STATUS:..... All components in this product are listed on the TSCA inventory.
SARA SECTION 313: This product **does not** contain any EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning Community Right-To-Know Act of 1986 (40CFR 372):
NFPA HEALTH: 2
NFPA FLAMMABILITY: 2
NFPA REACTIVITY: 0
R-PHRASES: R10: Flammable. R36: Irritating to eyes.
S-PHRASES: S9: Keep container in well ventilated place. S16: Keep away from sources of ignition. No smoking. S26: In case of contact with eyes, rinse with plenty of water and seek immediate medical advice.
CANADIAN WHMIS:..... Acetone: CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC).
Diethylene glycol monobutyl ether: Class B Combustible liquid, Class D-2B: Other toxic effects- skin irritation.
CANADIAN DSL: (Domestic Substances List)

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SECTION XVI – OTHER INFORMATION

REFERENCES: The information contained herein has been compiled from sources believed to be reliable and accurate to the best of our knowledge at this date. It is provided without warranty, expressed or implied, as to the results of use of this information or to the product to which it relates. HYDRAMASTER CORP. assumes no responsibility for injury to any person or property resulting from any use of the material if reasonable safety procedures are not adhered to. Each user assumes the risk in their use of this product and should review the data and recommendations in the specific context of their intended use.

FOOT NOTES: NOT EST. = Not Established, N/A = Not Applicable, (Ceil) = TLV ceiling limit.