



## Material Safety Data Sheet

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Super Fuel Booster

**MANUFACTURER:** XCELPLUS INTERNATIONAL INC

**ADDRESS:** 5041 General Puller Hwy Saluda, Virginia 23149

  

**PRODUCT INFORMATION:** 804-758-9684

**EMERGENCY PHONE:** (888) 511-8891

**FAX:** 804-758-9684

  

**CHEMICAL NAME:** Not Applicable  
**CHEMICAL FAMILY:** Hydrocarbon  
**CHEMICAL FORMULA:** Proprietary

**PRODUCT USE:** Gasoline Additive used to increase octane number.  
**APPROVED BY:** M Wright February 1, 2005

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### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>EXPOSURE LIMITES</u>
Methylcyclopentadienyl Manganese Tricarbonyl	12108-13-3	0.2 mg/M <sup>3</sup> PEL as Mn (OSHA)
Proprietary Polybutene	Proprietary	Not Available
Kerosene	8008-20-6	Not Available
Nitromethane	75-52-5	100 ppm (OSHA PEL); 20 ppm (ACGIH TLV)

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**SECTION 3: HAZARDS IDENTIFICATION**

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**EMERGENCY OVERVIEW:** Orange liquid with aromatic odor. (See Section 9). Avoid contact with eyes and excessive contact with skin (See Section 3 below). Avoid contact with strong oxidizing agents. Protect against decomposition products of oxides of carbon.

**HMIS RATING:**            **HEALTH:** 2            **FLAMMABILITY:** 2            **REACTIVITY:** 0            **PPE:** B

**ROUTES OF ENTRY:** Inhalation, skin contact, and swallowing.

**POTENTIAL HEALTH EFFECTS:**

**EYES:** Eye irritation

**SKIN:** Skin irritation.

**INGESTION:** Vomiting may result. Pulmonary aspiration hazard if vomiting occurs

**INHALATION:** Irritation of the respiratory tract; headache, nausea dizziness, weakness and fatigue.

**ACUTE HEALTH HAZARDS: Breathing** - Irritation of the respiratory tract; headache, nausea dizziness, weakness and fatigue. Extreme exposure can result in unconsciousness and even respiratory arrest. **Eye Contact** - Eye irritant. **Skin Contact** - Prolonged and repeated skin contact may cause defatting and dermatitis. **Swallowing** -Vomiting may result. Pulmonary aspiration hazard if vomiting occurs.

**CHRONIC HEALTH HAZARDS:** Reports have associated repeated and prolonged occupational overexposure to hydrocarbon solvents with permanent brain and nervous system damage.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None when used in accordance with the Special Protection Information (Section VIII).

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**SECTION 4: FIRST AID MEASURES**

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**EYES:** Flush immediately with large amounts of water for at least 15 minutes. Get medical assistance if irritation persists.

**SKIN:** Wash affected area with soap and water. Remove soiled clothing. Get medical assistance if irritation persists. Wash clothing before reuse.

**INGESTION:** DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN IMMEDIATELY. Aspiration of vomitus can cause chemical pneumonitis that can be fatal.

**INHALATION:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, summon medical assistance immediately. If breathing ceases, restore using approved CPR techniques and summon medical assistance immediately.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Treat as any exposure to any hydrocarbon based material (See Section 3 for observable signs/symptoms).

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**SECTION 5: FIRE FIGHTING MEASURES**

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**FLAMMABLE PROPERTIES:** Flash Point: > 120 °F (Method: T.C.C.)  
Burn Rate: Unknown

**FLAMMABLE LIMITS:** Lower Flammable Limit: Not Established.  
Upper Flammable Limit: Not Established.

**FLAMMABILITY CLASSIFICATION:** Not Established.

**AUTOIGNITION TEMPERATURE:** Not Established.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide and Carbon Dioxide.

**EXTINGUISHING MEDIA:** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam or other National Fire Protection Association (NFPA) approved method for treating a Class B fire.

**ADDITIONAL CONSIDERATIONS:** None.

**SPECIAL FIRE FIGHTING INSTRUCTIONS:** Summon professional firefighters. Use full protective equipment including self-contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles are preferable. If exposed to fire or extreme heat, water should be used to cool closed containers and prevent pressure build-up or possible auto-ignition.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. Isolate from heat and flame. Due to pressure build-up, closed containers exposed to extreme heat may explode. Never use a welding or cutting torch on or near container (even empty) as product or its residue may ignite. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**NFPA RATING:**

**HEALTH: 2    FLAMMABILITY: 2    REACTIVITY: 0    PROTECTIVE EQUIPMENT: B**

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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Remove all sources of ignition (flames, hot surfaces, and electrical, static or frictional sparks). Do not smoke. Prevent breathing of vapors. Ventilate area. Before attempting to clean up, refer to hazard caution information in other sections of this material safety data sheet. Dike and contain spilled material and remove with inert absorbent and non-sparking tools. Store in closed container until product can be properly disposed of. Dispose of in accordance with local, state and federal regulations. Incinerate only in an approved facility. Do not incinerate closed containers.

**CERCLA (SUPERFUND) REPORTABLE QUANTITY (in lbs.):** Refer to Section 311 of The Clean Water Act.

**VOLATILE ORGANIC COMPOUNDS (VOC):** Approx. 99%

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING:** Keep away from heat, flame and sparks. Do not smoke. Prevent build-up of vapors by maintaining continuous flow of fresh air.

**STORAGE:** Do not store above 120°F or near fire of open flame. Store large quantities in buildings to comply with OSHA 1910.106. Keep container closed when not in use. Do not transfer contents to bottles or other unlabelled containers. Do not reuse empty containers. Keep out of reach of children.

**INCOMPATIBLE MATERIALS:** Strong oxidizers.

**VENTILATION:** Use with adequate ventilation. Use good engineering practices to establish ventilation.

**SPECIAL PACKAGING MATERIALS:** Not applicable

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** Use with adequate ventilation.

**EYE / FACE PROTECTION:** Use chemical goggles; solvent impermeable clothing should be worn if contact is likely; maintain ready access to eye bath and safety shower.

**SKIN PROTECTION:** Use Neoprene or equivalent gloves.

**RESPIRATORY PROTECTION:** When used in restricted ventilation areas, wear NIOSH/MDHS approved chemical/mechanical filters designed to remove a combination of particulates and vapor. When used in confined areas, wear NIOSH/MSHA approved air supply respirators or hoods. Follow respirator manufacturer's directions for respirator use. If respirators are used, a program should be established to assure compliance with OSHA Standard 29 CFR 1910.134. Use product only with adequate ventilation. Use either local exhaust or mechanical means to meet TLV requirements. Ventilation must be sufficient to limit employee exposure at, or below applicable health and safety standards. Heavy solvent vapors should be removed from lower levels of work areas.

**EXPOSURE GUIDELINES:** (See Section 2).

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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<b>APPEARANCE:</b>	Orange Liquid
<b>ODOR:</b>	Aromatic
<b>PHYSICAL STATE:</b>	Liquid
<b>pH:</b>	Not Available
<b>BOILING POINT:</b>	> 250 °F
<b>MELTING POINT:</b>	Not Applicable
<b>FREEZING POINT:</b>	Not Available
<b>MOLECULAR WEIGHT:</b>	Not Available
<b>VAPOR PRESSURE:</b>	Not Available
<b>VAPOR DENSITY (AIR = 1):</b>	Not Available
<b>% VOLATILES BY VOLUME:</b>	Not Available
<b>EVAPORATION RATE:</b>	Less than ether
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b>	0.851
<b>SOLUBILITY IN WATER:</b>	Negligible

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**SECTION 10: STABILITY AND REACTIVITY**

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**CHEMICAL STABILITY:** Product is stable

**CONDITIONS TO AVOID:** Heat, sparks, flames.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Thermal decomposition may yield carbon monoxide and dioxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**EYE EFFECTS:** Eye irritation

**SKIN EFFECTS:** Skin irritation; Prolonged and repeated skin contact may cause defatting and dermatitis.

**INGESTION EFFECTS:**No data

**INHALATION EFFECTS:** No data

**SUBCHRONIC EFFECTS:** No data

**CHRONIC EFFECTS/CARCINOGENICITY:** No data

**EPIDEMIOLOGY:** No data

**TERATOLOGY:** No data

**REPRODUCTIVE EFFECTS:** No data

**NEUROTOXICITY:** No data

**MUTAGENICITY:** No data

**SYNERGISTIC PRODUCTS:** No data

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## SECTION 12: ECOLOGICAL INFORMATION

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**ECOTOXICITY:** No data

**ENVIRONMENTAL FATE:** No data

**PHYSICAL/CHEMICAL:** (See Sections 9 and 10)

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## SECTION 13: DISPOSAL CONSIDERATIONS

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Dispose of in accordance with local, state and federal regulations. Incinerate only in an approved facility. Do not incinerate closed containers.

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**SECTION 14: TRANSPORT INFORMATION**

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<b>DOT SHIPPING NAME:</b>	Flammable Liquid, n.o.s. (contains Kerosene, Methylcyclopentadienyl Manganese Tricarbonyl)
<b>DOT HAZARD CLASS/DESCRIPTION:</b>	3
<b>DOT LABEL:</b>	Flammable Liquid
<b>DOT PLACARD:</b>	Flammable Liquid
<b>DOT UN/NA NUMBER:</b>	UN1993
<b>DOT PACKING GROUP</b>	III
<b>DOT PRODUCT RQ:</b>	Not Available
<b>IMO CLASSIFICATION:</b>	Not Available
<b>EEC CLASSIFICATION:</b>	Not Available
<b>EEC LABEL:</b>	Not Available
<b>EEC R:</b>	Not Available
<b>EEC S:</b>	Not Available
<b>TRANSPORT CANADA PIN:</b>	Not Available

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**SECTION 15: REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS:**

**TSCA:** All components appears in TSCA Inventory

**OSHA:** None

**CERCLA SARA HAZARD CATEGORY:**

**SECTION 311 AND 312:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: None

**SECTION 313:** This product contains following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: 1,2,4-Trimethyl benzene (0.5-1.0%); Xylene (0.1-0.5%); Manganese Compounds (6-10%)

**INTERNATIONAL REGULATIONS:**

**CANADIAN WHMIS:** None

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):** Additional information available upon request.

**EINECS:** Additional information available upon request.

**February 1, 2005**

**Material Safety Data Sheet  
Super Fuel Booster**

**STATE REGULATIONS:** No specific listing in California or New Jersey. Additional information available upon request.

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**SECTION 16: OTHER INFORMATION**

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