



## CYCLO® INDUSTRIES, INC MATERIAL SAFETY DATA SHEET

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also, make this information available to any employee who requests it.

If Cyclo Industries, Inc considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals.

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** MAX CLEAN, C-192

**Manufactured by :** Cyclo Industries, Inc  
401 Maplewood Dr Suite 18  
Jupiter, FL 33458  
(561) 775-9600

**First Aid Emergency:** (800) 752-7869 or (312) 906-6194

**Shipping Emergency:** (800) 424-9300 or (703) 527-2887

**HMIS Code:** Health: 1 Flammability: 2 Reactivity: 0

### SECTION 2 - HAZARDS IDENTIFICATION

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** RESPIRATORY IRRITATION, HEADACHE, NAUSEA, FATIGUE, DROWSINESS, IMPAIRED CO-ORDINATION.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** SKIN: CONTACT MAY DRY THE SKIN; PROLONGED CONTACT MAY CAUSE IRRITATION. EYES: LIQUID OR VAPOR CAN IRRITATE.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** CAN BE ABSORBED. SOLVENT ACTION CAN DRY AND DEFAT THE SKIN CAUSING THE SKIN TO CRACK, LEADING TO DERMATITIS.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** NOT A LIKELY ROUTE OF EXPOSURE. IF SWALLOWED, DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ADVICE AND/OR ATTENTION.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

ACUTE: EYE IRRITANT. SKIN IRRITANT. CHRONIC: UNKNOWN.

**CARCINOGENICITY:** NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

NONE KNOWN.

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS Reg No.	Material	Percentage	TLV (Units)
111-76-2	2 Butoxyethanol	4-8 %	25 ppm (TWA) skin 50 ppm (PEL)
5989-27-5	D-Limonene	1-3 %	None Established
106-97-8	Butane	2-4 %	800 ppm (OSHA PEL) 800 ppm (ACGIH TLV)
74-98-6	Propane	1-3 %	1000 ppm (OSHA PEL)

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## SECTION 4 - FIRST AID MEASURES

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### EMERGENCY AND FIRST AID PROCEDURES

**INHALATION:** REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF NEEDED. APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. GET MEDICAL ATTENTION.

**SKIN:** WIPE OFF WITH TOWEL. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

**EYES:** WASH IMMEDIATELY WITH LARGE VOLUMES OF FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

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## SECTION 5 - FIRE FIGHTING MEASURES

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**FLASH POINT:** -156°F (-104°C)      **METHOD USED:** ESTIMATED

**FLAMMABLE LIMITS IN AIR BY VOLUME:** LOWER: .7      UPPER: 12.7

**EXTINGUISHING MEDIA:** FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

**SPECIAL FIREFIGHTING PROCEDURES:** WATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD-UP AND EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLES PREFERRED. WEAR GOGGLES AND SELF-CONTAINED BREATHING APPARATUS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** CLOSED CONTAINERS MAY EXPLODE FROM INTERNAL PRESSURE BUILD-UP WHEN EXPOSED TO EXTREME HEAT AND DISCHARGE CONTENTS. LIQUID CONTENT OF CONTAINER WILL NOT SUPPORT COMBUSTION. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE READILY APPARENT. OBTAIN MEDICAL ATTENTION.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.

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## SECTION 7 - HANDLING AND STORAGE

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** STORE AND USE IN COOL, DRY, WELL-VENTILATED AREAS. DO NOT STORE ABOVE 120 DEG F. DO NOT PUNCTURE OR INCINERATE (BURN) CANS. DO NOT STICK PIN, NAIL OR ANY OTHER SHARP OBJECT INTO OPENING ON TOP OF CAN. DO NOT SPRAY IN EYES. DO NOT TAKE INTERNALLY. SEE PRODUCT LABEL FOR ADDITIONAL INFORMATION.

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## SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

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**PRECAUTIONS:** THE STORAGE OF NON-FLAMMABLE PRODUCTS WITH NON-FLAMMABLE OR FLAMMABLE PRESSURIZING AGENT, IN CARTONS, IS THE SAME AS FOR ORDINARY CANNED GOODS IN CARTONS.

**RESPIRATORY PROTECTION:** NONE UNDER NORMAL USE. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPOR. IN CONFINED AREAS, USE APPROVED AIR LINE TYPE RESPIRATOR OR HOOD. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED FOR VAPOR CONCENTRATIONS ABOVE PEL/TLV LIMITS.

**VENTILATION:** SUFFICIENT TO PREVENT INHALATION OF SOLVENT VAPORS. GENERAL DILUTION AND/OR LOCAL EXHAUST VENTILATION IN VOLUME OR PATTERN TO KEEP PEL/TLV OF MOST HAZARDOUS INGREDIENT BELOW ACCEPTABLE LIMIT AND LEL BELOW STATED LIMIT.

**PROTECTIVE GLOVES:** NONE UNDER NORMAL USE. SOLVENT RESISTANT REQUIRED FOR PROLONGED OR REPEATED CONTACT.

**EYE PROTECTION:** NONE UNDER NORMAL USE; HOWEVER, USE OF SAFETY GLASSES WITH SPLASH GUARDS OR FULL FACE SHIELD IS RECOMMENDED.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** NONE UNDER NORMAL USE; HOWEVER, USE OF SOLVENT RESISTANT APRONS OR OTHER CLOTHING IS RECOMMENDED.

**WORK/HYGIENIC PRACTICES:** EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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**BOILING RANGE:** -44°F - 336°F (-42°C-169°C)

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.96

**VAPOR DENSITY:** UNKNOWN

**EVAPORATION RATE:** UNKNOWN

**SOLUBILITY IN WATER:** COMPLETE

**APPEARANCE AND ODOR:** AEROSOL PRODUCT

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## SECTION 10 - STABILITY AND REACTIVITY

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**STABILITY:** STABLE

**CONDITIONS TO AVOID:** APPLICATION TO HOT SURFACES. STORAGE ABOVE 120 DEG F. EXPOSURE TO OPEN FLAME.

**INCOMPATIBILITY (MATERIALS TO AVOID):** OXIDIZING AGENTS.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** MAY PRODUCE FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CARBON MONOXIDE.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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LONG-TERM TOXICOLOGICAL STUDIES HAVE NOT BEEN CONDUCTED FOR THIS PRODUCT.

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## SECTION 12 - ECOLOGICAL INFORMATION

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LONG-TERM ECOLOGICAL STUDIES HAVE NOT BEEN CONDUCTED FOR THIS PRODUCT.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE ATTEMPTING CLEAN UP, REFER TO OTHER SECTIONS OF THIS MSDS FOR HAZARD CAUTION INFORMATION.

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## SECTION 14 - TRANSPORT INFORMATION

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### U.S. DOT

<b>Shipping Description:</b>	Consumer Commodity ORM-D
<b>ID Number:</b>	Not applicable
<b>Hazard Class:</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Label:</b>	Not applicable

**Placards:** Not applicable

**IMDG**

**Shipping Description:** Aerosols, Limited Quantity  
**ID Number:** 1950  
**Hazard Class:** Class 2.1  
**Packing Group:** Not Required  
**Label:** Not Required  
**Markings:** Not applicable  
**Placards:** Not applicable

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**SECTION 15 - REGULATORY INFORMATION**

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ALL INGREDIENTS ARE EITHER LISTED ON THE TSCA INVENTORY OR ARE EXEMPT.

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**SECTION 16 - OTHER INFORMATION**

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**Document Date:** September 22, 2008

**Supersedes:** December 18, 2007

**Revisions:** Updated Formula

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