







# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	1268001	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	CHAIN WORX	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Chain & Cable Lubricant	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Aerosols - Category 1 Aspiration Hazard - Category 1 Carcinogenicity - Category 2 Gases Under Pressure - Compressed Gas Specific Target Organ Toxicity - Repeated Exposure - Category 2 Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) - Category 3 Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) - Category 3 Percentage of the mixture consisting of ingredient(s) of unknown acute oral toxicity: 13.6% Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 13.6% Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 13.6%	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>				
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### HAZARD STATEMENTS:

#### Hazardous Statements - Physical

- H222 - Extremely flammable aerosol.
- H280 - Contains gas under pressure; may explode if heated.

#### Hazardous Statements - Health

- H304 - May be fatal if swallowed and enters airways.
- H351 - Suspected of causing cancer.
- H373 - May cause damage to organs through prolonged or repeated exposure.
- H336 - May cause drowsiness or dizziness.
- H335 - May cause respiratory irritation.

### PRECAUTIONARY STATEMENTS:

**General:** P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

**Prevention:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear protective gloves, protective clothing, eye protection, and face protection.

P260 - Do not breathe mist, vapors, or spray.

P271 - Use only outdoors or in a well-ventilated area.

**Response:** P308 + P313 - IF exposed or concerned: Get medical attention.

P314 - Get medical attention if you feel unwell.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 - Do NOT induce vomiting.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 - Call a POISON CENTER or doctor if you feel unwell.

**Storage:** P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

P405 - Store locked up.

P403 - Store in a well-ventilated place.

**Disposal:** P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

### HAZARDS NOT OTHERWISE CLASSIFIED (HNOC):

None known.

### SUPPLEMENTARY INFORMATION:

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

WARNING: This product contains a chemical known to the State of California to cause cancer.

Please refer to the SDS for additional information. Keep out of reach of children. Keep upright in a cool, dry place. Do not discard empty can in trash compactor.

3. Composition / Information on Ingredients		
Chemical Name	CAS	Concentration % by Weight
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	64742-52-5	25% - 50%
Paraffin Oil	64742-62-7	25% - 50%
PROPANE	74-98-6	10% - 25%
BUTANE	106-97-8	5% - 10%
COCONUT DIETHANOLAMIDE	68603-42-9	0.1% - 3%
<b>Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.</b>		

4. First Aid Measures	
<b>EMERGENCY OVERVIEW</b>	
<b>EYES:</b>	Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.
<b>SKIN:</b>	Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.
<b>INHALATION:</b>	If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If exposed/feel unwell/concerned: Call a POISON CENTER or doctor.
<b>INGESTION:</b>	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
<b>MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:</b>	
No data available.	
<b>SPECIFIC TREATMENTS/PROTECTION OR FIRST-AIDERS:</b>	
No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth to mouth resuscitation.	

5. Fire-Fighting Measures	
<b>SUITABLE EXTINGUISHING MEDIA:</b>	
Use extinguishing media suitable for surrounding fire.	
<b>UNSUITABLE EXTINGUISHING MEDIA:</b>	
None known.	
<b>SPECIFIC HAZARDS IN CASE OF FIRE:</b>	
Extremely flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. In fire, will decompose to carbon dioxide, carbon monoxide	
<b>FIRE-FIGHTING PROCEDURES:</b>	
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire exposed containers cool.	
<b>SPECIAL PROTECTIVE ACTIONS:</b>	
Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.	

6. Accidental Release Measures	
<b>EMERGENCY PROCEDURE:</b>	
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.	
<b>RECOMMENDED EQUIPMENT:</b>	
See Section 8 for specifics on protective personal equipment (PPE).	
<b>PERSONAL PRECAUTIONS:</b>	
ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Use explosion proof equipment. Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.	
<b>ENVIRONMENTAL PRECAUTIONS:</b>	
Prevent further leakage or spillage if safe to do so.	
<b>SMALL SPILL:</b>	
Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal.	

**LARGE SPILL:**

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (See section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Note: see Section 1 for emergency contact information and Section 13 waste disposal.

**7. Handling and Storage****GENERAL:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Avoid breathing gas. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

**VENTILATION REQUIREMENTS:**

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

**STORAGE ROOM REQUIREMENTS:**

Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Protect from sunlight. Store locked up. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination.

**8. Exposure Controls / Personal Protection**

CHEMICAL NAME	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)
BUTANE								
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	2000	500				1	[(L)[N159](L)[N800]]; [5 (I)[N159]5 (I)[N800]];	(L)[N159](L)[N800]
PROPANE	1800	1000				1		
Paraffin Oil	2000	500				1	[(L)]; [5 (I)];	(L)

CHEMICAL NAME	NIOSH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)
BUTANE			1000 (EX)		CNS impair		1900	800
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC				[A2][N159]A2 [N800]]; [A4 [N159]A4 [N800]];	URT irr [N159]URT irr [N800]	[A2][N159]A2 [N800]]; [A4 [N159]A4 [N800]];		
PROPANE			Simple asphyxiant (D), explosion hazard (EX)		Asphyxia		1800	1000
Paraffin Oil				[A2]; [A4];	URT irr	[A2]; [A4];		
BUTANE								

CHEMICAL NAME	NIOSH STEL (mg/m3)	OSHA STEL (ppm)	NIOSH Carcinogen
BUTANE			
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC			
PROPANE			
Paraffin Oil			
BUTANE			

(C) - Ceiling limit, (L) - Exposure by all routes should be carefully controlled to levels as low as possible, CNS - Central nervous system, impair - Impairment, irr - Irritation, URT - Upper respiratory tract

**PERSONAL PROTECTIVE EQUIPMENT:**

**Eye/Face Protection:** Wear safety glasses with side shields. Eyewash stations and showers should be available in areas where this material is used and stored.

**Skin Protection:** Use solvent-resistant protective gloves for prolonged or repeated contact.

**Respiratory Protection:** Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

**APPROPRIATE ENGINEERING CONTROLS:**

Ventilation should be sufficient to prevent inhalation of any vapors.

9. Physical & Chemical Properties			
<b>Appearance:</b>	Liquid.	<b>Flammability:</b>	N/A
<b>Odor:</b>	N/A	<b>Lower Explosion Level:</b>	1.9%
<b>Odor Threshold:</b>	N/A	<b>Upper Explosion Level:</b>	9.5%
<b>pH:</b>	N/A	<b>Vapor Density:</b>	1.55 (air = 1)
<b>Melting/Freezing Point:</b>	N/A	<b>Vapor Pressure:</b>	101.3 kPa (20°C)
<b>Low/High Boiling Point:</b>	N/A	<b>Solubility (water):</b>	N/A
<b>Viscosity, Kinematic:</b>	<0.205 cm <sup>2</sup> /s (40°C)	<b>Ignition Temp:</b>	N/A
<b>Flash Point:</b>	-29°C (closed cup)	<b>Density:</b>	6.59 lb/gal
<b>Evaporation Rate:</b>	N/A	<b>Density VOC:</b>	1.32 lb/gal
<b>Decomposition Pt Auto:</b>	N/A	<b>% VOC:</b>	20.1%

10. Stability & Reactivity Information	
<b>STABILITY:</b>	The product is stable under normal storage conditions.
<b>CONDITIONS TO AVOID:</b>	Keep away from heat, sparks, extreme temperature, flame, other sources of ignition and incompatible materials.
<b>INCOMPATIBLE MATERIALS:</b>	No data available.
<b>HAZARDOUS REACTIONS/POLYMERIZATION:</b>	None known.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information	
<b>SKIN CORROSION/IRRITATION:</b>	No data available.
<b>LIKELY ROUTE OF EXPOSURE:</b>	Inhalation, ingestion, skin absorption.
<b>SERIOUS EYE DAMAGE/IRRITATION:</b>	No data available.
<b>CARCINOGENICITY:</b>	Suspected of causing cancer.
<b>GERM CELL MUTAGENICITY:</b>	No data available.
<b>REPRODUCTIVE TOXICITY:</b>	No data available.
<b>RESPIRATORY/SKIN SENSITIZATION:</b>	No data available.
<b>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:</b>	May cause drowsiness or dizziness. May cause respiratory irritation.
<b>SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:</b>	May cause damage to organs through prolonged or repeated exposure.
<b>ASPIRATION HAZARD:</b>	May be fatal if swallowed and enters airways.
<b>ACUTE TOXICITY:</b>	<p><b>0064742-52-5 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC</b>  LD50 (Rodent - rat, Oral) : &gt;5000 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value.  LD50 (Rodent - rabbit, Administration onto the skin) : &gt;2000 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value.</p> <p><b>0000106-97-8 BUTANE</b>  LC50 (mouse): 202000 ppm (481000 mg/m3) (4-hour exposure); cited as 680 mg/L (2-hour exposure) (9)  LC50 (rat): 276000 ppm (658000 mg/m3) (4-hour exposure); cited as 658 mg/L (4-hour exposure) (9)</p>

12. Ecological Information	
<b>TOXICITY:</b>	No data available.
<b>PERSISTENCE AND DEGRADABILITY:</b>	No data available.
<b>BIO-ACCUMULATIVE POTENTIAL:</b>	No data available.
<b>MOBILITY IN SOIL:</b>	No data available.
<b>OTHER ADVERSE EFFECTS:</b>	No data available.

13. Disposal Consideration	
<b>WASTE DISPOSAL:</b>	Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

#### 14. Transportation Information

	U.S. DOT Information	IMDG Information	IATA Information
UN Number:	UN1950	UN1950	UN1950
Proper Shipping Name:	Aerosols	Aerosols	Aerosols, non flammable
Hazard Class:	2.2	2.2	2.2
Packaging Group:	2.2	N.A.	N.A.
Hazardous Substance (RQ):	No Data Available		
Marine Pollutant:	No Data Available	No Data Available	
Note / Special Provision:	(LTD QTY)	(LTD QTY)	(LTD QTY)
Toxic-Inhalation Hazard:	No Data Available		

#### 15. Regulatory Information

CAS	Chemical Name	% By Weight	Regulation List
64742-52-5	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	25% - 50%	SARA312, VOC, TSCA, ACGIH, OSHA
64742-62-7	Paraffin Oil	25% - 50%	SARA312, TSCA, ACGIH, OSHA
74-98-6	PROPANE	10% - 25%	SARA312, VOC, TSCA, ACGIH, OSHA
106-97-8	BUTANE	5% - 10%	SARA312, VOC, TSCA, ACGIH
68603-42-9	COCONUT DIETHANOLAMIDE	0.1% - 3%	SARA312, VOC, TSCA, California Proposition 65 Cancer

#### 16. Other Information

##### GLOSSARY:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

##### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.