

MATERIAL SAFETY DATA SHEET

MSDS ID: 90397

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Revised 3/17/03

METAL SURFACE CLNR 13-1/4OZ NW

\*NONE

Replaces 11/10/99

Lawson Products Inc.  
1666 East Touhy Avenue  
Des Plaines, Illinois 60018

Emergency/Information Telephone:  
303-623-5716

Formula: 56928  
MSDS Effective: 11/10/99

Section I - Product Identification

Part Number: 90397  
Product Name: METAL SURFACE CLNR 13-1/4OZ NW  
Trade Name/Synonyms: METAL SURFACE CLEANER  
Chemical Family: AEROSOL CLEANER

Section II - Hazardous Ingredients

Ingredient	CAS No.	WT %	Pel	TLV	Stel	Units	LC50,PPM	LD50, MG/KG
HEPTANE	00142-82-5	55-60	400	400	500	PPM	MIC 18333	N/A
N-BUTANE	00106-97-8	10-15	800	800	N/A	PPM	RAT277374	N/A
PROPANE	00074-98-6	10-15	1000	N/A	N/A	PPM	MLO 10000	N/A
LIGHT ALIPHATIC HYDROCARBON SOLVENT	64742-89-8	10-15	N/A	N/A	N/A		RAT >3000	RAT I28000 RAB A 4000
TOLUENE	#00108-88-3	<5	100	50	150	PPM	RAT>26700	RAT I 636 RAB A12124
BENZENE	#00071-43-2	TRACE						

Section III - Physical Data

Boiling Pt Deg F/C: N/A  
Vapor Pressure(MM HG):N/A  
Vapor Density(Air=1):Heavier than air  
Solubility In Water: N/A  
Physical State: AEROSOL  
Freeze PT Deg F/C: N/A  
Appearance And Odor: Colorless liquid with hydrocarbon odor  
Voc:Lbs/Gal=5.43; Grams/Liter=650 ; Grams Voc/Gram Solid=N/A ; % Voc 100

Specific Gravity:0.66  
%Volatile Volume:100  
Evaporation Rate:Faster than ether  
Water/Oil Dist Coeff:N/A  
PH: N/A  
Threshold Odor,PPM: N/A

Section IV - Fire and Explosion Hazard Data

Classification: FLAMMABLE AEROSOL  
Combustion Products: N/A  
Flash Point Deg F/C: < 0F/-18C Propellant  
Extinguishing Media: Carbon dioxide, dry chemical, foam  
Auto Ign. Temp Deg F/C: N/A  
Special Fire Fighting Procedures:

NFPA Rating: 2,4,0 HMIS: 2,4,0  
Lel%:1.0 Uel%:10.0

Firefighters should wear self-contained breathing equipment.  
Unusual Fire And Explosion Hazards:  
hazardous vapors may spread, burn or build up in low areas.  
Explosive Power: HIGH  
Burning Rate: HIGH  
Impact Sensitive: No  
Static Sensitive: Yes

Section V - Health Hazard Data

Routes Of Entry: SKIN CONTACT,EYE,INHALATION  
Effects Of Overexposure:  
Causes eye, skin & respiratory system irritation. Excess inhalation may

cause dizziness, giddiness & nausea. Prolonged & repeated inhalation may be harmful to respiratory system, central nervous system, liver & kidneys. Repeated & prolonged overexposure to solvents may cause permanent damage to central nervous system. Extreme overexposure may result in unconsciousness & possible death. Misuse or deliberate inhalation may be harmful or fatal. Ingestion causes nausea, cramps, vomiting, diarrhea. Warning: This product contains chemicals known to the State of California to cause cancer & birth defects or other reproductive harm.

Any suspected carcinogen = or > 0.1%?: No

Emergency and First Aid Procedures:

EYE: Immediately flush with plenty of water for 15 min. and call physician.

SKIN: Wash thoroughly with plenty of water & soap. Launder contaminated clothing before reuse. INHALATION: If affected, remove to fresh air, administer oxygen & call physician. INGESTION: Seek physician immediately, show label or MSDS. Do not induce vomiting. Give 1-2 glasses of water.

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#### Section VI - Reactivity Data

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Stable: Yes      Conditions to Avoid:

Incompatibility(Materials to Avoid): No

Hazardous Decomposition Products:      Yes CO, CO2

Hazardous Polymerization: No

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#### Section VII - Spill or Leak Procedures

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Listed In: SARA Title III; #302: No                      #304,Cercla: Yes                      #313: Yes

Steps to be Taken in Case Material is Released or Spilled:

Remove all sources of ignition. Ventilate the area. Clean up with absorbent material.

Disposal Method:

Dispose of wastes in accordance with federal, state and local regulations.

Do not puncture, incinerate or burn containers.

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#### Section VIII - Safe Handling and Protection Information

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Ventilation-Local: Recommended

Special:N/A

Mechanical: Required

Other: N/A

Protective Gloves: See below

Eye Protection:Safety glasses

Precautions in Use:

If ventilation is inadequate, wear approved respiratory equipment. Do not spray near sparks, flame or heated surface. GLOVES: None required under normal application where skin contact is minimal.

Estimated LD50, MG/KG: No

Estimated LC50, PPM: No

Sensitization: No

Irritant: Yes EYES, SKIN

Synergistic Agents: No

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#### Section IX - Special Precautions

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Precautions to be Taken in Handling and Storing:

Keep away from heat, sparks, flame or sources of ignition. Do not puncture, incinerate, burn or store containers above 120F(47C). Use only in well ventilated areas. Do not breathe vapor or spray mist. Avoid contact with eyes, skin & clothing. Wash thoroughly after using. In case of accident or illness, seek physician immediately, show label or MSDS.

Other Precautions:

Keep out of reach of children. Always read and follow directions on product label. Additional technical data sheets and/or material safety data sheets (MSDS) are available upon request. For professional & industrial use only.

Symbols, Abbreviations and Notations:

#=Listed in SARA Title III Section 313; @=Non-hazardous ingredient among the Normal product usage should not result in respirable dust that would be hazardous to the respiratory system; N/A=Not available or applicable; \*=If found as dust, mist or fume; C=Ceiling limit; S=Skin designation; M=Human;

RAB=Rabbits; GPG=Guinea Pigs; MIC=Mice; I=Ingestion; A=Skin absorption;  
LO=Little observable effect; NO=No effect; Pel=OSHA permissible exposure  
limit; TLV=ACGIH threshold limit value; Stel=Short term exposure limit.

Final determination of suitability of the chemical(s) is the sole responsibility of the user. Users of any chemicals should satisfy themselves that the conditions and methods of use assure that the chemical is used safely. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION CONTAINED HEREIN OR THE CHEMICAL TO WHICH THE INFORMATION REFERS.