

MATERIAL SAFETY DATA SHEET

MSDS ID#: 100237

Date Prepared: November 12, 2004

Revision:

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SCP-900C CLEANER

Product Code: I0523-901

Colors Covered: Colorless

Supplier Name: Matthews International Corporation

Address: 101 Fairview Avenue

City: Pittsburgh

State/Zip: Pennsylvania, USA, 15238

Phone: (412)665-2500

Fax: (412)828-4545

24 Hour Emergency Phone: (412)456-7499

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Components</u>	[X] <u>Substance</u>	<u>Percent</u>	<u>CAS No.</u>	[] <u>Mixture</u>	<u>TLV</u>	<u>R-Phrase</u>	<u>S-Phrases</u>
Acetone		100	67-64-1		500 ppm	R11	S9, S16, S23, S33

3. HAZARDS IDENTIFICATION

Most Important Hazards: Extremely flammable liquid and vapor. Vapors may cause flash fire or explosion. Harmful if inhaled. High vapor concentrations may cause drowsiness. Causes skin and eye irritation. Harmful if swallowed. May cause target organ or system damage to the following: Eye; Skin; Respiratory system; Central Nervous System. HMIS: H-1, F-3, R-0

Main Symptoms of Overexposure: EYES: Contact with eyes may cause moderate to severe irritation; SKIN: Moderately irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash); INHALATION: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness and even death. High vapor concentrations are irritating to the eyes, nose, throat and lungs; INGESTION: Product may be harmful or fatal if swallowed. Pulmonary aspiration hazard. After ingestion, may enter lungs and produce damage. May produce central nervous system effects such as dizziness, loss of balance and coordination, unconsciousness, coma and even death.

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and continue to monitor. Get immediate medical attention.

Skin Contact: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before use.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes including under the eyelids. Get medical attention.

Ingestion: DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray, dry chemical, carbon dioxide, alcohol foam.

Specific Hazards: Use water spray. Use water spray to cool fire exposed tanks and containers. Acetone/water solutions that contain more than 2.5% acetone have flash points. When the acetone concentration is greater than 8% (by weight) in a closed container, it would be within the flammable range and cause fire or explosion if a source of ignition were introduced.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate all ignition sources.

Environmental precautions: Prevent runoff from entering drains, sewers or streams.

Methods of cleaning up: Prevent ignition, stop leak and ventilate area. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Use appropriate person protective equipment as stated in section 8 of this MSDS. Advise the Environmental Protection Agency (EPA) and appropriate state agencies, if required. US regulations require reporting of spills of this material that could reach any surface waters. After removal, flush contaminated area thoroughly with water.

7. HANDLING AND STORAGE

Handling-Precautions: Use only in well ventilated areas. Ground and bond containers when transferring material.

Safe handling Advice: Avoid breathing (dust, vapor, mist, gas). Avoid contact with this material. Wash thoroughly after handling. Do not use air pressure to unload containers.

Storage-Conditions: Keep away from heat, sparks and flame. Store in a cool dry place. Keep container closed when not in use.

Incompatible Products: Keep from contact with strong oxidizing agents.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Use with adequate ventilation. Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Use explosion proof ventilation equipment.

Personal Protective Equipment: Eliminate all ignition sources.

Respiratory Protection: Concentration in air determines the level of respiratory protection needed. Use only NIOSH certified respiratory equipment. Half-mask air purifying respirator with organic vapor cartridges is acceptable for exposures to ten (10) times the exposure limit.

Hand Protection: The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Protective gloves are recommended to protect against contact with product. Neoprene; Natural Rubber

Eye Protection: Splash proof chemical goggles or full face shield recommended to protect against splash of this product.

Skin and Body Protection: Recommended decontamination facilities: eye bath, washing facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Colorless

Odor: Sweet, pungent

Flashpoint: -18° C (-0.4 ° F)

Autoignition temperature: 869° F **pH:** N/A

Density: 0.79

Vapor Pressure: 181 mm Hg @ 20° C

Vapor Density: >1.0

Solubility in Water: Complete

Boiling Point: 56° C (133° F)

Freezing Point: N/A

V.O.C.: 0 g/l

Evaporation rate(Butyl Acetate=1): N/A

10. STABILITY AND REACTIVITY

Stable: Yes **Conditions to avoid:** Avoid contact with heat, sparks or open flames.

Materials to avoid: Acetone may form explosive mixtures with chromic anhydride, chromyl alcohol, hexachloromelamine, hydrogen peroxide, permonosulfuric acid, potassium hydroxide and thioglycol. Strong oxidizers.

Hazardous decomposition products: Carbon dioxide, carbon monoxide and other asphyxiants.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: See section III

Chronic Toxicity: Acetone: Oral LD50 (rat) - 5.8 g/kg ; LC50 (rat) - 50,000 mg/m³; Skin LD50 (rabbit) - 20,000 mg/kg Chronic overexposure can cause damage to the kidneys, blood, nerves, liver and lungs.

Sensitization: No

Specific Effects: The following diseases or disorders may be aggravated by exposure to this product: Skin, Eye, Lung (asthma-like conditions)

12. ECOLOGICAL INFORMATION

Possible Environmental Effects: This product is not expected to persist in the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

Land: (DOT)- regulated, Flammable liquid, Class 3, packing group II, Proper Shipping Name: Acetone, UN 1090

Inland Waterways: (ADR)- N/A

Sea: (IMDG)- regulated, Flammable liquid, Class 3, packing group II, Proper Shipping Name: Acetone, UN 1090

Air: (IATA)- regulated, Flammable liquid, Class 3, packing group II, Proper Shipping Name: Acetone, UN 1090

15. REGULATORY INFORMATION

Hazard and Safety Information: CA Prop 65- none SARA 313- none; SARA 311,312- fire hazard, immediate (acute) health hazard; TSCA- All components listed; State Regulatory Lists: Acetone (Pennsylvania, Massachusetts, New Jersey); WMHIS: Acetone- B2/D2B;

Acetone: R11- Highly flammable, S9- Keep container in a well-ventilated place, S16- Keep away from sources of ignition - No smoking, S23- Do not breathe vapor, S33- Take precautionary measures against static discharges;

Ozone Depleting Chemicals Present: None

16. OTHER INFORMATION

Containers of this material may be hazardous when emptied, all hazard precautions given in the data sheet must be observed. The information contained herein is based upon what we believe to be reliable data. However, we make no warranty or guarantees, expressed or implied, concerning the accuracy of such information and disclaim all liability from reliance thereon. You should evaluate the information through your own sources prior to use.