



SAFETY DATA SHEET SCP-900C Cleaner

1. Identification

Product identifier

Product name SCP-900C Cleaner

Product number 71002437, 71002859, 71005435, 71002860, 71002442, 71002438

Container size 2 x 4 Liter, 5 Gallon Pail, 5 Gallon Pail, 6 x 1 Liter, 6 x 1 Liter, 55 Gallon Drum

Recommended use of the chemical and restrictions on use

Application Ink cleaner for printing inks.

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier Matthews Marking Systems
 6515 Penn Avenue
 Pittsburgh, PA 15206
 412.665.2500
 412.828.4545
 info@matw.com

Manufacturer Matthews Marking Systems - Costa Rica Production
 Zona Franca La Lima
 Multitenant #8
 Cartago, Costa Rica 30106

Matthews Marking Systems - USA Production
 101 Fairview Ave.
 Pittsburgh, PA 15238

Emergency telephone number

Emergency telephone Chemtrec US : 1-800-424-9300 Chemtrec World: 1-703-527-3887

2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status This Product is Hazardous under the OSHA Hazard Communication Standard.

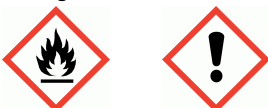
Physical hazards Flam. Liq. 2 - H225

Health hazards Eye Irrit. 2A - H319 STOT SE 3 - H336

Environmental hazards Not Classified

Label elements

Pictogram



Signal word Danger

SCP-900C Cleaner

Hazard statements	H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Precautionary statements	P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a poison center/ doctor if you feel unwell. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/ container in accordance with national regulations.
Contains	Acetone

Other hazards

3. Composition/information on ingredients

Mixtures

Acetone	80-100%
CAS number: 67-64-1	
Classification	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

General information	Consult a physician for specific advice. If medical advice is needed, have product container or label at hand. If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention immediately.
Ingestion	Do not induce vomiting. Get medical attention immediately.
Skin Contact	Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing. Wash clothing and clean shoes thoroughly before reuse.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

General information	The product is considered to be a low hazard under normal conditions of use. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. See Section 11 for additional information on health hazards.
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Inhalation	Vapor from this product may be hazardous by inhalation. Irritating to respiratory system. Vapor may affect central nervous system. May cause nausea, headache, dizziness and intoxication.
Ingestion	Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
Skin contact	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. The product is considered to be a low hazard under normal conditions of use.
Eye contact	This product is strongly irritating. A single exposure may cause the following adverse effects: Corneal damage. Severe irritation, burning, tearing and blurred vision. Profuse watering of the eyes.

Indication of immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media Water spray.

Special hazards arising from the substance or mixture

Flammability Class 7.1 Flammable Liquid IB.

Specific hazards Flammable liquid and vapour. Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO).

Advice for firefighters

Protective actions during firefighting Evacuate area. Stop leak if safe to do so. Use water to keep fire exposed containers cool and disperse vapors. Use water spray to reduce vapors.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapors. Wash thoroughly after dealing with a spillage.

Environmental precautions

Environmental precautions Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. Stop leak if safe to do so. Contain and absorb spillage with sand, earth or other non-combustible material. Dilute contained spill with water. Collect and place in suitable waste disposal containers and seal securely.

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

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7. Handling and storage

Precautions for safe handling

Usage precautions

Avoid contact with eyes and prolonged skin contact. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product. Provide eyewash station and safety shower. Good personal hygiene procedures should be implemented. Wash skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class

Flammable liquid storage.

Specific end uses(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

Acetone

Long-term exposure limit (8-hour TWA): ACGIH 500 ppm 1188 mg/m³

Long-term exposure limit (8-hour TWA): OSHA 1000 ppm 2400 mg/m³

Short-term exposure limit (15-minute): ACGIH 750 ppm 1782 mg/m³

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

A4 = Not Classifiable as a Human Carcinogen.

Ingredient comments

Data based on literature. Product not tested.

Acetone (CAS: 67-64-1)

Immediate danger to life and health 2500 ppm

Exposure controls

Protective equipment



Appropriate engineering controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapor or mist. Use explosion-proof ventilating equipment.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Provide eyewash station and safety shower.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Organic vapor filter.

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Thermal hazards	If there is a risk of contact with hot product, all protective equipment worn should be suitable for use with high temperatures.
Environmental exposure controls	Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Clear liquid.
Color	Clear. Colorless.
Odor	Ketonic.
Odor threshold	Not available.
pH	pH (concentrated solution): 6.0 - 8.5
Melting point	-94°C/-137°F
Initial boiling point and range	56°C/133°F @ 760 mm Hg
Flash point	-17°C/1.4°F CC (Closed cup).
Evaporation rate	11.6 (butyl acetate = 1)
Upper/lower flammability or explosive limits	Upper flammable/explosive limit: 13% % vol Lower flammable/explosive limit: 2% % vol
Vapor pressure	184.0 mm Hg @ 20°C/68°F
Relative density	0.791 g/cc 791 g/l 6.59 lbs/gal
Solubility(ies)	Miscible with the following materials: Alcohols. Ketones. Slightly soluble in water.
Auto-ignition temperature	465°C/869°F
Decomposition Temperature	Not applicable.
Explosive properties	Not applicable.
Oxidizing properties	Not applicable.
Comments	Information given is applicable to the product as supplied.
Volatile organic compound	This product contains a maximum VOC content of 0 g/l. This product contains a maximum VOC content of 0 lbs/gal.

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	The following materials may react with the product: Strong oxidizing agents.
Conditions to avoid	Avoid the following conditions: Heat, sparks, flames.
Materials to avoid	Avoid contact with the following materials: Strong oxidizing agents.

SCP-900C Cleaner

Hazardous decomposition products Heating may generate the following products: Carbon dioxide (CO₂). Carbon monoxide (CO).

11. Toxicological information

Information on toxicological effects

Toxicological effects Data based on literature. Product not tested.

Toxicological information on ingredients.

Acetone

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 5800 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 7426 mg/kg, Dermal, Guinea pig

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 32.0

Species Rat

Notes (inhalation LC₅₀) LC₅₀ 50100 @ 8 hr mg/cm², Inhalation, Rat

ATE inhalation (vapours mg/l) 32.0

Skin corrosion/irritation

Animal data Dose: , 24 hour, Rabbit Slightly irritating.

Serious eye damage/irritation

Serious eye damage/irritation Slightly irritating.

12. Ecological Information

Ecotoxicity Data based on literature. Product not tested.

Toxicity

Ecological information on ingredients.

Acetone

Acute toxicity - fish LC₅₀, 96 hours: 5540 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates LC₅₀, 48 hours: 8800 mg/l, Daphnia magna

Persistence and degradability

Ecological information on ingredients.

Acetone

Biodegradation - 91:

Bioaccumulative potential

Ecological information on ingredients.

SCP-900C Cleaner

Acetone

Partition coefficient log Pow: -0.24

Mobility in soil

Results of PBT and vPvB assessment

Other adverse effects

13. Disposal considerations

Waste treatment methods

General information

Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

UN Number

UN No. (TDG)	1090
UN No. (IMDG)	1090
UN No. (ICAO)	1090
UN No. (DOT)	1090

UN proper shipping name

Proper shipping name (TDG)	ACETONE
Proper shipping name (IMDG)	ACETONE
Proper shipping name (ICAO)	ACETONE
Proper shipping name (DOT)	ACETONE

Transport hazard class(es)

TDG class	3
TDG label(s)	3
IMDG Class	3
ICAO class/division	3

Transport labels



Packing group

TDG Packing Group	II
IMDG packing group	II
ICAO packing group	II
DOT packing group	II

Environmental hazards

SCP-900C Cleaner

Environmentally Hazardous Substance

No.

Special precautions for user

EmS F-E, S-D

15. Regulatory information

Regulatory Status Hazardous Chemical

Regulatory References OSHA Hazard Communication Standard, 29 CFR 1910.1200

International Regulations

US Federal Regulations

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

Acetone

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

SARA (311/312) Hazard Categories

Acetone

Fire
Health:
Acute
Chronic

US State Regulations

California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

Acetone

Present.

Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

Acetone

Present.

Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

Acetone

Present.

Minnesota "Right To Know" List

The following ingredients are listed or exempt:

Acetone

Present.

New Jersey "Right To Know" List

The following ingredients are listed or exempt:

Acetone

Present.

Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

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Acetone
 Present.

Inventories

EU - EINECS/ELINCS

All the ingredients are listed or exempt.

Canada - DSL/NDSL

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

Australia - AICS

The following ingredients are listed or exempt:

Acetone

Japan - MITI

The following ingredients are listed or exempt:

Acetone

Korea - KECI

The following ingredients are listed or exempt:

Acetone

China - IECSC

The following ingredients are listed or exempt:

Acetone

Philippines - PICCS

The following ingredients are listed or exempt:

Acetone

New Zealand - NZIOC

Acetone

16. Other information

Issued by	Matthews Marking Systems - Chemical Services Department
Revision date	12/28/2016
Revision	4
Supersedes date	8/9/2016
SDS No.	4869
SDS status	Approved.
Hazard statements in full	H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
NFPA - health hazard	Temporary incapacitation, injury. (2)
NFPA - flammability hazard	Ignites easily. (3)

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NFPA - instability hazard	Normally stable. (0)
ACA HMIS Health rating.	Moderate hazard. (2) Chronic hazard. (*)
ACA HMIS Flammability rating.	Ignites easily. (3)
ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Personal protection rating.	B

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.