



SAFETY DATA SHEET
Schmutzoff Descaler & Stain Remover

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Schmutzoff Descaler & Stain Remover
Product No. CSSTRxx

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Stainless Steel Cleaner

1.3. Details of the supplier of the safety data sheet

Supplier Case Medical Inc.
19 Empire Blvd.
South Hackensack
NJ 07606
USA
Tel: 201-313-1999
Fax: 201-373-9090
Contact Person SDS Contact: DCM Compliance, info@dcmcompliance.com

1.4. Emergency telephone number

201-313-1999

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Skin Irrit. 2 - H315; Eye Dam. 1 - H318
Environment	Not classified.

Classification (1999/45/EEC) Xi; R38, R41.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

The liquid is irritating to eyes and skin.

Environment

The product is not expected to be hazardous to the environment.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

Hazard Statements

H315	Causes skin irritation.
H318	Causes serious eye damage.

Precautionary Statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
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P305+351+338

IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

Supplementary Precautionary Statements

P264

Wash contaminated skin thoroughly after handling.

P302+352

IF ON SKIN: Wash with plenty of soap and water.

P310

Immediately call a POISON CENTER or doctor/physician.

P362

Take off contaminated clothing and wash before reuse.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

PHOSPHORIC ACID ...%		20-30%
CAS-No.: 7664-38-2	EC No.: 231-633-2	
Classification (EC 1272/2008) Skin Corr. 1B - H314	Classification (67/548/EEC) C;R34	
Poly(oxy-1,2-ethanediyl), a-(2-ethylhexyl)-w-hydroxy-		1-10%
CAS-No.: 26468-86-0	EC No.:	
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.	
SODIUM XYLENE SULPHONATE 40%		1-10%
CAS-No.: 1300-72-7	EC No.: 215-090-9	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments

The data shown are in accordance with the latest EC Directives.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

Inhalation

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

Ingestion

DO NOT INDUCE VOMITING! Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of contact, immediately flush with plenty of water.

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Eye contact

Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital. Bring these instructions.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact

Skin irritation.

Eye contact

May cause eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials. Use: Water spray. Dry chemicals. Carbon dioxide (CO₂). Foam.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Do not enter confined fired-spaces without protective clothing and self-contained air supply.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Safely stop spill at source. Contain spill by covering with soil or other inert material. Mop, pump or absorb with inert material and reclaim into sound container for reuse, recycle or proper disposal.

6.4. Reference to other sections

For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Avoid eating, drinking and smoking when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Store away from all oxidizers. Keep container closed when not in use. Wash thoroughly after handling. Remove contaminated clothing and laundry before reuse.

Storage Class

Flammable liquid storage.

7.3. Specific end use(s)

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

Usage Description

Use only according to directions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

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Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3	

WEL = Workplace Exposure Limit.

Ingredient Comments

Ireland, Occupational Exposure Limits 2010

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash station.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. All handling to take place in well-ventilated area.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Protective gloves complying with EN 374.

Eye protection

Wear approved safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Amber.
Odour	Characteristic.
Solubility	Soluble in water.
Initial boiling point and boiling range	>100°C
Relative density	1.15±0.005
pH-Value, Conc. Solution	2±0.5

9.2. Other information

Not known.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Unknown.

10.4. Conditions to avoid

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High temperatures

10.5. Incompatible materials

Materials To Avoid

Strong bases (alkali)/oxidizers/reactive metals. Do not mix with chlorinated detergents (bleach).

10.6. Hazardous decomposition products

Phosphoroxide by high temperatures. Burning may produce oxides of carbon and other substances

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Skin contact

May cause skin irritation/eczema.

Eye contact

May cause irritation to eyes.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

No data on possible environmental effects have been found.

12.1. Toxicity

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

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UN No. (ADR/RID/ADN)	1805
UN No. (IMDG)	1805
UN No. (ICAO)	1805

14.2. UN proper shipping name

Proper Shipping Name	PHOSPHORIC ACID, SOLUTION
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14.3. Transport hazard class(es)

ADR/RID/ADN Class	8
ADR/RID/ADN Class	Class 8: Corrosive substances.
ADR Label No.	8
IMDG Class	8
ICAO Class/Division	8
Transport Labels	



14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

EMS	F-A, S-B
Emergency Action Code	2R
Hazard No. (ADR)	80

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation

The UN Globally Harmonised System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits 2005 (EH40)

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Date	Apr' 19, 2012
Revision	C

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Risk Phrases In Full

R34	Causes burns.
R36/37/38	Irritating to eyes, respiratory system and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H335	May cause respiratory irritation.

HIMS Rating

Health	1	0- least 1- slight 2- moderate 3- high 4- extreme
Flammability	0	
Reactivity	0	
Personal Protection	B	

Disclaimer

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.