

1 Identification

GHS Product Identifier

Product Form: Mixture
Trade Name: Max Pro VOC Stainless Steel Cleaner
Product Code: 3129

Recommended use of the chemical and restriction on use

Stainless Steel Cleaner

Supplier's details

Max Pro
P.O. Box 9962
Ft. Lauderdale, FL 33310 USA

Tel.: 954-972-3338

Emergency phone number

CHEMTREC 24 Hour Emergency Response
USA & Canada 800-424-9300

2 Hazard(s) identification

Classification of the substance or mixture

Skin Corrosion / Irritation	3
Aspiration Hazard	2
Flammable Liquid	4

GHS label elements



Combustible liquid

May be fatal if swallowed and enters airways

Causes skin irritation

Toxic to aquatic life with long lasting effects

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Wash hands thoroughly after handling.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

Other hazards which do not result in classification

Irritating to skin, eyes, soft tissue and mucous membranes. Aspiration Hazard.

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements above. The labeling above applies to industrial/professional products.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Petroleum distillates, hydrotreated, middle	64742-46-7		13.62	
Propylene Glycol	57-55-6		13.62	
Water	7732-18-5		57.9	
	74-98-6		8.89	Petroleum Hydrocarbon
	75-28-5		2.39	Petroleum Hydrocarbon
	106-97-8		3.58	Petroleum Hydrocarbon

4 First-aid measures

Description of necessary first-aid measures

Skin Exposure:	Flush with plenty of water for 15 minutes. Remove contaminated clothing. Cover irritated skin with an emollient. Seek medical attention if irritation develops.
Eye Exposure:	Flush eyes with water for 15 minutes. Remove contact lenses if easy to do. Cold water may be used. Get immediate medical attention.
Inhalation Exposure:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention if symptoms appear.
Ingestion:	DO NOT induce vomiting. Rinse mouth with clean water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Most important symptoms/effects, acute and delayed

Acute Effects: Irritation of skin, eyes, soft tissue and mucous membranes of the nose, throat, digestive and respiratory tracts.

Indication of immediate medical attention and special treatment needed, if necessary

NOTE TO PHYSICIAN: Physicians and medical personnel should consider that in addition to this chemical, a person exposed may also have been in contact with other chemicals. Seek information / Safety Data Sheet if symptoms do not match those presented herein. This product is a severe aspiration hazard, and aspiration to the lungs may cause severe damage and may be fatal.

5 Fire-fighting measures

Suitable extinguishing media

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from the chemical

Containers can build up pressure if exposed to heat and/or fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapors will form an explosive mixture with air. Vapors will travel to a source of ignition and flash back.

Special protective actions for fire-fighters

Personal Precautions:	See Section 8 for personal protection requirements. Proper PPE is required for all accidental release response.
PPE Requirements:	Suitable to surrounding fire, including self contained breathing apparatus.
Precautionary Measures:	If safe to do so, remove containers from proximity of fire. If it is not feasible to move containers, keep cool with water spray to prevent overheating, rupture, and/or release of flammable, potentially explosive, hydrogen gas. Keep non-emergency personnel away.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

For Non-Emergency Personnel:	All untrained, non-essential, and non-responding personnel should be evacuated from the immediate area of the spill without delay. If Personal Protective Equipment is necessary to achieve evacuation safely, see Section 8 for requirements.
For Emergency Personnel:	Protective Equipment: See Section 8 for personal protection requirements. Proper PPE is required for all accidental release response.

Environmental precautions

Do not allow product to discharge into waterways, public sewers, or other water sources.

Methods and materials for containment and cleaning up

Small Spills:	Absorb on inert media and collect into suitable container
Large Spills:	Dike area to contain liquid. Salvage as much reusable liquid as possible into a suitable container. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. Keep all non-responding personnel away. Wear all required PPE.

7 Handling and storage

Precautions for safe handling

Do not breathe dusts or mists. Avoid getting dust or mists in eyes.

Conditions for safe storage, including any incompatibilities

Storage:	Keep container tightly closed and properly labeled. This material is a static accumulator. Use non-sparking tools. Store in a cool, dry, ventilated area, away from incompatible substances. Store only in approved properly labeled containers. Containers should be grounded and bonded. Keep container closed and tightly sealed when not in use. Smoking, sparks, flames should not be permitted in storage areas.
Incompatible Materials:	Avoid contact with hypochlorites and oxidizers.
Incompatible Conditions:	Store in a cool, dry location away from direct sunlight and extreme temperatures.

8 Exposure controls/personal protection

Control parameters

Exposure Limits: ACGIH, TLV: 5 mg/m³
OSHA, PEL, 5 mg/m³

Appropriate engineering controls

Intrinsically safe equipment for ventilation, product handling, formulation and storage. Chemical shower and emergency eyewash station to be located nearby to all points of product use, storage and handling.

Individual protection measures

Gloves: Impervious gloves. Suitable glove material can be determined by contacting the manufacturer.

Respiratory: A suitable NIOSH approved respirator with organic vapor cartridge is recommended when handling this product in areas where airborne concentrations exceed TLV's. See a respirator specialist for the most appropriate respirator mask and cartridge configuration.

Eyes: Chemical splash goggles are preferred, otherwise chemical safety glasses with side shields. Ophthalmic lens glasses are not protective eyewear, and should not be relied on to provide protection unless specifically designed as prescription safety lenses meeting all personal protection standards.

Other Protection: HMIS Personal Protection: C: Safety glasses, Gloves, and Synthetic apron. Standard chemical resistant clothing and workboots as specified by OSHA regulations and local workplace safety procedures.

Industrial Hygiene: Do not eat, drink or smoke in areas where this product is handled. After handling, be sure to wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing before re-use.

9 Physical and chemical properties

Physical and chemical properties

Appearance: Clear liquid

Odor: Solvent

Odor Threshold: N/D

pH: Not Applicable

Melt/Freeze Point: No available data

Boiling Point/Range: No available data

Flash Point: < 50 F

Evaporation Rate: Clear, colorless liquid

Flammability (solid/gas):	Not applicable
UEL/LEL:	No available data
Vapor Pressure:	No available data
Vapor Density (Air=1):	4.7
Relative Density @ 20 C:	9.39
Solubility:	None in water
Partition Coefficient (n-octanol/water):	NA
Auto Ignition Temp:	NA
Decomposition Temp:	NA
Viscosity:	No available data

10 Stability and reactivity

Reactivity

Reacts with hypochlorites to form explosive compounds that are sensitive to pressure and temperature increases.

Chemical stability

Stable under normal conditions.

Conditions to avoid

Keep away from heat, sparks, open flames, or any potential source of ignition. Temperatures in excess of 120° F for prolonged periods.

Incompatible materials

Oxidizers or Oxidizing Materials.

Hazardous decomposition products

Carbon oxides

11 Toxicological information

Toxicological (health) effects

Acute Toxicity:	Irritating to skin. Irritating to eyes, causing tearing and stinging. Excessive inhalation of high concentrations may be harmful. Mist or vapor may irritate the throat and lungs. Breathing this material may cause Central Nervous System Depression. If swallowed, this material may irritate the mucous membranes of the mouth, throat and esophagus. Aspiration Hazard.
Chronic:	None known
Eyes:	No data available
Skin:	LD50, Rabbit: > 2,000 mg/kg

Sensitization:	Exposure to asthmatic, atopic and sulfite sensitive individuals may result in severe bronchoconstriction and reduced levels in forced expiratory volume.
Mutagenicity:	There is no data available.
Carcinogenicity:	There is no data available.
Reproductive Toxicity:	No known reproductive toxicity
Target Organs:	Central nervous system; Lungs from aspiration
Aspiration Hazard:	Aspiration of this product may cause respiratory distress.

12 Ecological information

Toxicity

Fish:	No data available
Daphnia:	No data available
Algae:	No data available

13 Disposal considerations

Disposal methods

Reuse or reprocess before classifying as waste, where possible. Dispose of any material classified as waste in accordance with all local, state and federal regulations.

14 Transport information

UN Number

UN1950

UN Proper Shipping Name

Aerosols

Transport hazard class(es)

II

Packing group, if applicable

3

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

TSCA:	This product and/or all of its components are listed on the Section 8(b) TSCA Inventory.
CERCLA:	Not Applicable
RCRA:	No reference
SARA Tier 2 Components:	Not Applicable

State Regulations
California
Proposition 65

WARNING: This product can expose you to chemicals including Tetrachloroethylene which are known to the state of California to cause cancer.
For more information go to www.P65Warnings.ca.gov

State Right to Know Regulations:

For State Right to Know requirements, contact local regulatory authorities.

16 Other information

Other information

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.