

Safety Data Sheet

Section 1: Identification

Name: TMA - Stainless Steel Cleaner--Oil Based

Date Issued: 06/13/2019

Other Name: N/A

TMA Code: TM108276

Recommended Use: As indicated by name

Supplier Information: Technical Marketing Alliance 2335 Buttermilk Crossing Crescent Springs, KY 41017

Emergency Telephone: 800-424-9300

Product Information: 859-727-7854

Section 2: Hazard(s) Identification

Potential Health Effects

Signal Word = Danger

Label Elements:

Classification:



Skin Irritation - Category 2

Aspiration Hazard - Category 1

Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) - Category 3

Aerosol - Category 3

Hazardous Statements:

Extremely flammable aerosol. Pressurized container may burst if heated

May cause drowsiness or dizziness

May be fatal if swallowed and enters airways

Causes skin irritation

Precautionary Statement:

Prevention = If medical advice is needed, have product label or container on hand. Read label before use. Keep out of reach of children. Avoid breathing fumes/gas/mist/vapors/spray. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. Do not spray on an open flame or other ignition source. No smoking. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area.

Response = If on skin, wash with plenty of soap and water. If irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before reuse. If inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If swallowed, immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.

Storage = Keep cool. Store in a well-ventilated area. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. In case of fire, use water fog, dry chemical, or carbon dioxide to extinguish.

Disposal = Review all federal, state and local laws regarding disposal of this product.

The above listed potential effects are compiled based on a review of all component SDS's

Section 3: Composition Information on Ingredients

CAS Number	Chemical Name	% w/w	RQ#	OSHA	TWA	STEL
64742-47-8	Isoparaffinic petroleum distillate	30-70	N/A		500 ppm	No Data
74-98-6	Propane	9-20	N/A		1000 ppm	No Data
8042-47-5	Mineral oil, slab oil	5-12	N/A		No Data	No Data
106-97-8	Butane	5-12	N/A		800 ppm	No Data
79-20-9	Methyl acetate	3-8	N/A		200 ppm	No Data
75-28-5	Isobutane	<5	N/A		800 ppm	No Data

%Phosphorus in product: 0%

Components listed above are hazardous as defined in 29 CFR 1910.1200. Their quantities are proprietary. All remaining components are considered non-hazardous and proprietary in their quantities

Section 4: First Aid Measures

Eye: Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into an unaffected eye or onto face. If irritation persists, get medical attention.

Skin: Immediately remove all contaminated clothing, shoes, and leather goods (e.g. watchbands or belts). Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. Call a POISON CENTER/doctor if you feel unwell. Store contaminated clothing under water and wash before reuse or discard.

Inhalation: Remove source of exposure or move person to fresh air and keep comfortable for breathing. If exposed/feel unwell/concerned: call a POISON CENTER or doctor. Eliminate all ignition sources if safe to do so.

Ingestion: Rinse mouth, do not induce vomiting. Immediately call a poison center/doctor. If vomiting occurs naturally, lie on side in recovery position. Never give anything by mouth to an unconscious or convulsing person. Keep person warm and quiet.

Section 5: Fire Fighting Measures

Flash Point: < 73°F	Fire Fighting Methods: Use methods suitable for surrounding fire.
Auto ignition Temperature: Not Determined	Unusual Fire Hazards: Aerosol cans can rupture when heated; heated cans may burst
Flammability Limits: N/A	
Extinguishing Media: water, fog, dry chemical, or carbon dioxide.	

Section 6: Accidental Release Measures

Containment and Clean up: Flammable/combustible material. Observe all personal protective equipment noted in sections 5 and 8. Eliminate all ignition sources. Avoid breathing vapor. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Section 7: Handling and Storage

For use by trained personnel only. Use only with adequate ventilation. The use of local ventilation is recommended to control emissions near the source. Keep containers tightly closed and securely sealed when not in use.

Section 8: Exposure Controls

CAS Number	Chemical Name	OSHA	TWA	STEL
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75-28-5	Isobutane		800 ppm	No Data

Engineering Controls: Use with adequate ventilation

PPE for Routine Handling and Spills: Wear safety glasses and chemical resistant gloves.

Eyes: Chemical goggles, safety glasses with side shields, or vented/splash proof goggles. Contact lenses may absorb irritants. Particles may adhere to lenses and cause corneal damage.

Skin: Chemical protective gloves and appropriate PPE are recommended.

Inhalation: If engineering controls so not maintain airborne concentrations to a level which is adequate, a respiratory protection program which meets OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed.

Section 9: Physical and Chemical Properties

Physical Form: liquid emulsion	Odor: Characteristic	Freezing/Melting Point: Not determined
Color: N/A	Specific Gravity: Not determined	pH: Not determined
Boiling Point: Not determined	Density: 5.83350 lb/gal	Vapor Density: Slower than ether
Vapor Pressure: Not determined		

Section 10: Stability and Reactivity

Chemical Stability: Stable	Hazardous Polymerization: Will not Occur	Conditions to Avoid: High temp
Materials to Avoid: None known	Hazardous Decomposition Products: In fire, will decompose into carbon oxides	

Section 11: Toxicological Information

Special Hazard Information on Components: No known applicable information

Listed on NTP Report? No

Listed on IARC (Suspected Carcinogen)? No

Section 12: Ecological Information

Ecotoxicity: No Data	Bio accumulative Potential: Isoparaffinic petroleum distillate
Persistence and Degradability: Expected to be inherently biodegradable.	Mobility in Soil? Isoparaffinic petroleum distillate floats on water; large volumes may contaminate groundwater.

Section 13: Disposal Considerations

Review all federal, state and local laws regarding disposal of this product. Empty containers retain product residue. Return drums to reclamation centers for proper cleaning and reuse.

Section 14: Transportation Information

Consumer commodity, ORM-D

Section 15: Regulatory Information

Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: All components listed on this SDS are subject to the Toxic Substances Control Act (TSCA) section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D.

EPA SARA Title III Chemical Listings: No

CERCLA Hazardous Substances: No

Section 311/312 Hazard Class: Yes (Propane; Butane; Isobutane; Methyl acetate; Mineral oil, slab oil; Isoparaffinic petroleum distillate)

Section 313 Toxic Chemicals: No

Section 16: Other Information

Prepared by: P. Grado on 06/13/2019. The industrial hygiene and safe handling procedures are believed to be applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.