

1 Identification**GHS Product Identifier**

Product form: Mixture
Trade name: Max Pro Remover
Product code: 3043

Other means of identification

Max Pro Citrus Power Ink & Adhesive Remover
Max Pro Ink & Adhesive Remover

Recommended use of the chemical and restriction on use

A solvent degreasing agent designed for removing tar, adhesives, grease, oil and other residues from metal and other hard surfaces.

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**

F+;R12, Xi;R38, R43, N; R50/53

GHS label elements

Flammable aerosol

Causes skin irritation

Causes mild skin irritation

Very toxic to aquatic life with long lasting effects

Keep out of reach of children.

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

Do not breathe dust/fume/gas/mist/vapours/spray.

Do not get in eyes, on skin, or on clothing.

Avoid release to the environment.

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

Store in a well-ventilated place.

Dispose of contents/container to hazardous waste.

3 Composition/information on ingredients

Description	CAS Number	%
Mineral Spirit	8052-41-3	60
d-limonene	5989-27-5	10 - 30
Carbon Dioxide	124-38-9	0 - 10

4 First-aid measures

Description of necessary first-aid measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin:	Contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops and persists.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if irritation develops and persists. Ingestion Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
General advice:	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

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

Notes to physician:	Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim under observation. Symptoms may be delayed.
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5 Fire-fighting measures

Suitable extinguishing media

Powder. Alcohol resistant foam. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

Special protective actions for fire-fighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep out of low areas. Keep upwind. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. For personal protection, see section 8 of the MSDS.

Environmental precautions

Avoid release to the environment. Refer to special instructions/safety data sheets. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up

Containment procedures: Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas.

Methods for cleaning up: Should not be released into the environment. Prevent product from entering drains. Stop the flow of material, if this is without risk. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Isolate area until gas has dispersed. Following product recovery, flush area with water. This material and its container must be disposed of as hazardous waste. For waste disposal, see section 13 of the SDS.

7 Handling and storage

Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Avoid exposure - obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. When using do not eat or drink. Use appropriate container to avoid environmental contamination. Do not empty into drains.

Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Use appropriate container to avoid environmental contamination. Keep away from food, drink and animal feedingstuffs.

8 Exposure controls/personal protection

Control parameters

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
Carbon Dioxide (CAS 124-38-9)	STEL	30000 ppm
Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3)	TWA TWA	5000 ppm 100 ppm

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures

Respiratory protection:	No personal respiratory protective equipment normally required. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.
Hand protection:	Chemical resistant gloves are recommended.
Eye protection:	Wear safety glasses with side shields (or goggles). Eye wash fountain is recommended.
Skin and body protection:	Avoid contact with clothing. Wear suitable protective clothing. Chemical resistant gloves.
General:	Use personal protective equipment as required.
Environmental exposure controls:	Environmental manager must be informed of all major releases.
Hygiene measures:	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9 Physical and chemical properties

Physical and chemical properties

Appearance:	Liquid
Physical State:	Gas
Form:	Aerosol
Color:	Clear water-white
Odor:	Mild, Citrus
Odor:	Threshold Not established
pH:	Not Applicable
Vapor pressure:	<5 mm Hg @ 20°C
Vapor density:	> 1 (air =1)
Boiling point:	> 314.6 °F (> 157 °C)
Melting point/Freezing point:	Not established
Solubility (water):	Slightly soluble in water
Specific gravity:	0.78 - 0.81 @ 20°C
Flash point:	104.00 °F (40.00 °C) Tag Closed Cup (dispensed liquid)

Flammability limits in air, upper, % by volume:	Not available.
Flammability limits in air, lower, % by volume:	Not available.
Auto-ignition temperature:	Not available.
Evaporation rate:	0.2 (BuAc =1)
Viscosity:	< 3 cSt @ 25°C
Percent volatile:	100 %
Partition coefficient (n-octanol/water):	> 1

Other data	
Flammability (solid, gas):	Flammable gas.
Heat of combustion:	> 30 kJ/g

10 Stability and reactivity

Chemical stability

Material is stable under normal conditions.

Conditions to avoid

Avoid temperatures exceeding the flash point.

Hazardous decomposition products

Carbon oxides.

11 Toxicological information

Toxicological (health) effects

Acute toxicity: Based on available data, the classification criteria are not met.

Information on the likely routes of exposure

Inhalation
Ingestion
Skin contact
Eye contact

Symptoms related to the physical, chemical and toxicological characteristics

Chronic toxicity: Prolonged exposure may cause chronic effects.

Sensitization: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

IARC Monographs. Overall Evaluation of Carcinogenicity

d-limonene (CAS 5989-27-5) 3 Not classifiable as to carcinogenicity to humans.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductivity: Based on available data, the classification criteria are not met.

Epidemiology: No epidemiological data is available for this product.

Local effects: May irritate eyes and skin. May cause irritation of respiratory tract.

Symptoms and target organs: Irritating to eyes, respiratory system and skin. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

12 Ecological information

Toxicity

Very toxic to aquatic life with long lasting effects.

Persistence and degradability

Not inherently biodegradable.

Bioaccumulative potential

Octanol/water partition coefficient log Kow

OCX™ (Aerosol):	> 1
d-limonene:	4.232
Mineral Spirits Regular Stoddard Solvent:	3.16 - 7.15

Other adverse effects

Mobility: The product is immiscible with water and will spread on the water surface.

Environmental effects: Very toxic to aquatic life with long lasting effects.

Aquatic toxicity: Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

13 Disposal considerations

Disposal methods

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/ water supplies. After recovery of solvent dispose of residue as hazardous waste. Dispose in accordance with all applicable regulations.

Waste from residues/unused products:

Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14 Transport information

UN Number

UN1950

UN Proper Shipping Name

Aerosols, flammable

Transport hazard class(es)

ADG

UN number: UN1950
Proper shipping name: Aerosols, flammable
Hazard class: 2.1
Marine pollutant: No
Labels required: 2.1
Hazard ID: 2YE

IATA

UN number: UN1950
Proper shipping name: Aerosols, flammable
Hazard class: 2.1
Labels required: 2.1

IMDG

UN number: UN1950
Proper shipping name: Aerosols, flammable
Hazard class: 2.1
Marine pollutant: No

Environmental hazards

Marine pollutant: No

Special precautions for user

Labels required: 2.1

ADG



IATA; IMDG



HAZCHEM code: None

15 Regulatory information

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

National regulations: This Material Safety Data Sheet was prepared in accordance with the Australia National Code of Practice for the Preparation of Material Safety Data Sheets (NOHSC: 2011.)

Australia HVIC: Listed substance

Carbon Dioxide (CAS 124-38-9)

Listed

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (EINECS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16 Other information

Other information

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.