

Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product Name CK Mark Away
Product Use Gel Vandal Remover
Product Code 6880-A20
Date of Issue 7/5/2017
Supersedes 3/24/2016

Emergency Telephone Numbers
CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

DANGER



Health Hazards

Skin Corrosion/Irritation	Category 3
Serious eye damage/ eye irritation	Category 2A
Specific Target Organ Toxicity, single exposure; Narcotic Effects	Category 3
Specific target Organ Toxicity- Repeated Exposure	Category 2
Aspiration Hazard	Category 1
Carcinogenicity	Category 2
Reproductive toxicity	Category 2

Physical Hazards

Flammable aerosol	Category 1
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Environmental Hazards

Acute Aquatic toxicity	Category 3
Chronic Aquatic toxicity	Category 3

Precautionary Statements:

P102	Keep out of reach of children
P103	Read label before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat, sparks, open flamed and hot surface – no smoking
P211	Do not spray on to open flames or other ignition sources
P251	Pressurized container: Do not pierce or burn even after use
P261	Avoid breathing in mist, spray or vapor
P264	Wash hands thoroughly after handling
P271	Use outdoors or in a well-ventilated area
P273	Avoid release to the environment.
P280	Wear protective gloves, clothing and eye protection
P301+P310	IF SWALLOWED: Immediately call a poison center or physician
P331	Do not induce vomiting
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P304+P340	IF INHALED: Remove victim to fresh air and keep in a recovery position comfortable for breathing.
P314	Get medical advice/attention if you feel unwell.
P305+P351+P338	IF IN EYES: Rise cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312	Call a poison center or physician if you feel unwell
P308+P313	IF exposed or concerned: Get medical advice/attention

P332+P313	IF skin irritation occurs: Get medical advice/attention
P337+P313	IF eye irritation occurs: Get medical advice/attention
P403+P233	Store in a well-ventilated area. Keep container tightly closed.
P405	Store locked up
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 122°F.
P501	Dispose of in accordance with all federal, state and local regulations

Hazard Statements:

H222	Extremely flammable aerosols
H229	Pressurized container may burst if heated
H304	May be fatal if swallowed and enters airways
H316	Causes mild skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
H361	Suspected of damaging fertility or the unborn child
H412	Harmful to aquatic life with long lasting effects

Routes of Entry Dermal, Oral, and Inhalation**Acute Effects:**

Eyes	Overexposure may cause redness and burning sensation.
Skin	Overexposure causes defatting of the skin.
Inhalation	Causes irritation, headache, nausea, dizziness and loss of coordination. Overexposure may cause unconsciousness and even death.
Ingestion	May be harmful if swallowed. May cause nausea, vomiting and gastrointestinal distress.

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
Toluene	108-88-3	16-28
Acetone	67-64-1	8-20
Propane	74-98-6	1.0-4
Butane	106-97-8	3-8
Methyl Isobutyl ketone	108-10-1	2-4
Isobutane	75-28-5	1.0-4

Section 4. First Aid Measures

Eye Contact	Rinse cautiously with water for at least 15 minutes holding open eyelids. Remove contact lenses if present and easy to do. If irritation persists, get medical advice or attention.
Skin Contact	Remove all contaminated clothing; wash before reuse. Wash skin with water for at least 15 minutes. Call a poison center or doctor if you feel unwell.
Inhalation	Remove to fresh air. Call a poison center or doctor if you feel unwell.
Ingestion	Rinse mouth. Do not induce vomiting. Immediately call a poison center or physician. If vomiting occurs, lie on your side in the recovery position. Never give anything orally to an unconscious person.

Section 5. Fire Fighting MeasuresNational Fire Protection Association (U.S.A)
(estimated rating)**Hazardous Combustion Products**CO and CO₂**Extinguishing Media**

Water, fog, dry chemical or carbon dioxide

Unsuitable Extinguishing Media

Water may be ineffective but can be used to cool containers

Fire Fighting Procedures

Stop spill/release if it can be done without risk. Move undamaged containers if it can be done safely. Contents under pressure. Keep away from ignition sources and open flames. Exposure to extreme heat and flames can cause them to rupture often with violent force.

Section 6. Accidental Release Measures**Spill Clean Up**

Stop spill/release if it can be done without risk. Prevent spilled material from entering sewers, storm drains and waterways. Eliminate all ignition sources. Avoid contact with spilled material. Do not touch or walk through spilled material. Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for disposal.

Section 7. Handling and Storage**Handling and Storage**

For industrial use only. For use by trained personnel only. Keep away from children. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe in vapors. Do not eat, drink or smoke while using product. Have eyewash stations and showers available in area where material is used or stored.

Use only in adequate ventilation. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them.

Store in a cool, dry place. Protect from sunlight. Empty containers retain residue that may be dangerous.

Section 8. Exposure Controls/Personal Protection**Exposure Limits**

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Toluene(108-88-3)	200ppm	100ppm	-	20ppm
Acetone(67-64-1)	1000ppm	250ppm	-	500ppm
Methyl Isobutyl ketone(108-10-1)	100ppm	50ppm	-	20ppm
Morpholine	20ppm	20ppm	-	20ppm
Ethyl Alcohol (64-17-5)	1000ppm	1000ppm	-	-
Propane (74-98-6)	1,000ppm	1,000ppm	-	2,500ppm
Butane (106-97-8)	-	800ppm	-	1,000ppm
Isobutane (75-28-5)	-	800ppm	-	-

Engineering Controls

Use in a well-ventilated area

**Personal Protective Equipment (PPE)****Eyes** Chemical goggles, safety glasses with side shields.**Body** Rubber or neoprene gloves, rubber boots, and apron as required to reduce skin contact**Respiratory** Use a NIOSH approved respirator if TLV are reached or exceeded. When spraying more than one half can continuously or more than one can consecutively, use a NIOSH approved respirator.

Section 9. Physical and Chemical Properties

Physical State	Aerosol	Explosive Limits	Upper: 12.8	Lower: 1
Color	Clear	%VOC	47%	
Odor	Characteristic odor	Vapor Density	Slower than ether	
Odor Threshold	N/A	Density	6.02799lb/gal	
pH	10.75	Solubility	Emulsion	
Freezing Point	N/A	Partition Coefficient	N/A	
Boiling Point	High: 342°F Low: 0°F	Auto-Ignition Temp.	N/A	
Flash Point	<73°F	Decomposition Temp.	N/A	
Evaporation Rate	Slower than ether	Viscosity	N/A	
Flammability	Extremely flammable aerosol	Specific Gravity	N/A	

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	None known
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	CO and CO ₂
Conditions to Avoid	High temperatures

Section 11. Toxicological Information

Routes of Entry	Dermal, oral and inhalation
Symptoms	irritant
Skin Irritant	Overexposure will cause defatting of the skin. Causes mild skin irritation
Eye Irritant	Overexposure will cause redness and burning sensation. Causes serious eye irritation.
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	Toluene: IARC Monographs Group 3 Not classifiable as to its carcinogenicity to humans Methyl Isobutyl ketone: IARC Monographs Group 2B Possibly carcinogenic to humans
Reproductive Toxicity	Toluene is known to the state of California to cause reproductive toxicity.
Specific target organ Toxicity	May cause drowsiness or dizziness (category 3)
Toxicity	May cause damage to organs with prolonged or repeated exposure
Aspiration Hazard	May be fatal if swallowed and enters airways (category 1)

Acute Toxicity

Morpholine (CAS# 110-91-8)

Dermal	LD50	(skin, rabbit)	500uL/kg (.5mL/kg)
Oral	LD50	(oral, rat)	1450mg/kg (1450mg/kg)
Inhalation	LC50	(inhalation, rat)	8000ppm/8H (8000ppm)

Ethyl Alcohol CAs # 64-17-5

Oral	LD50	(oral, rat)	7060mg/kg (7060mg/kg)
Inhalation	LC50	(inhalation, rat)	20000ppm/10H (20000ppm)
Dermal	No data		

Isobutane (CAS#75-28-5)

Oral	No data		
Inhalation	LC50	inhalation, rat	57pph/15M (570000ppm)
Dermal	No data		

Butane (CAS#106-97-8)

Oral	No data		
Inhalation	LC50	(inhalation, rat)	658gm/m3/4H (658000mg/m3)
Dermal	No data		

Toluene (CAS#108-88-3)

Oral	LD50	oral, rat	636mg/kg (636mg/kg)
Inhalation	LC50	inhalation, rat	49gm/m3/4H (49000mg/m3)
Dermal	LD50	skin, rabbit	14100uL/kg (14.1mL/kg)

Methyl Isobutyl ketone (CAS#108-10-1)

Oral	LD50	oral, rat	2080mg/kg (2080mg/kg)
Inhalation	LC50	inhalation, rat	100gm/m3 (100000mg/m3)
Dermal	LD50	Greater than 3000mg/kg dermal, rabbit	

Acetone (CAS#67-64-1)

Oral	LD50	oral, rat	5800mg/kg (5800mg/kg)
Inhalation	LC50	inhalation, rat	50100mg/m3/8H (50100mg/m3)
Dermal	LDLo	skin, rabbit	20mL/kg (20mL/kg)

Section 12. Ecological Information

Environmental Effects Harmful to aquatic life with long lasting effects.

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	-	Consumer Commodity	ORM-D	-	None

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313:

Toluene	108-88-3	16-28%
Methyl isobutyl ketone	108-10-1	2-4%

The following substances have CERCLA reportable quantity values (in pounds):

Toluene	108-88-3	1000lbs
Methyl Isobutyl ketone	108-10-1	5000lbs

State Regulations

Toluene is known to the state of California to cause reproductive toxicity.
Methyl Isobutyl ketone is known to the state of California to cause cancer.

Section 16. Other Information

Last Revision 7/5/2017

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.