

MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

PRODUCT NUMBER: 513

IDENTITY: SAFETY KLEEN 20A Revision Date: 02/11/2009

**Section I**

Manufacturer's Name: THREE G INDUSTRIAL SUPPLY \* Telephone Numbers:

Address: P. O. BOX 3712 Emergency: 800/255-3924  
VICTORIA Information: 361/578-3200  
State: TX Zip Code: 77903

HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 1 HEALTH: 3 PERSONAL PROTECT: C

**Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)**

Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
CARBON DIOXIDE	124-38-9	5000 PPM	5000 PPM	N/A	_____
TETRACHLOROETHYLENE *+	127-18-4	25 PPM	25 PPM	N/A	_____
TRICHLOROETHYLENE *+	79-01-6	100 PPM	25 PPM	N/A	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN \* SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

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THIS PRODUCT CONTAINS CHEMICAL(S) MARKED WITH A + KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

**Section III: PHYSICAL/CHEMICAL CHARACTERISTICS**

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Boiling Point:	>189C	Specific Gravity (water=1)	1.52
Vapor Pressure(mm Hg)	59	Melting Point:	N/A
Vapor Density(AIR=1)	>1	Evaporation Rate:	>3
Solubility in Water:	0%	(Butyl Acetate=1)	
Appearance and Odor:	CLEAR SPRAY, CHLORINATED SOLVENT ODOR		

**Section IV: FIRE AND EXPLOSION HAZARD DATA**

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Flash Point(Method Used): NONE

Flammable Limits: LEL: N/A UEL: N/A

Extinguishing Media: STANDARD DRY CHEMICAL FIRE EXTINGUISHER.

Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING. MAY DEVELOP A FLAMMABLE ATMOSPHERE IN CONFINED AREAS.

**Section V: REACTIVITY DATA**

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Stability: Unstable: Conditions to avoid:  
Stable: X TEMPERATURES ABOVE 120 F, HOT SURFACES

Incompatibility (Materials to Avoid): SOME PLASTICS

Hazardous Decomposition or Byproducts: EXPOSURE TO RED HOT SURFACES MAY PRODUCE PHOSGENE, CARBON MONOXIDE AND HYDROGEN CHLORIDE GASES.

Hazardous Polymerization: May Occur: Will Not Occur: X  
Conditions to Avoid: NONE KNOWN

**Section VI: HEALTH HAZARD DATA**

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Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Health Hazards (Acute and Chronic):

- INHALATION: DIZZINESS.
- PROLONGED EXPOSURE MAY LEAD TO UNCONSCIOUSNESS.
- EYES: STRONG IRRITATION.
- SKIN: MILD IRRITATION. MAY CAUSE LOCALIZED DEFATTING OF SKIN.
- INGESTION: NAUSEA, VOMITING, UNCONSCIOUSNESS, OR DEATH.

Carcinogenicity: NTP: YES IARC Monographs: YES OSHA Reg: YES

Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: EXCESSIVE EXPOSURE WILL AGGRAVATE RESPIRATORY, CARDIOVASCULAR OR PULMONARY ILLNESSES.

Emergency and First Aid Procedures:

- INHALATION: REMOVE TO FRESH AIR.
- EYES: FLUSH WITH WATER FOR 15 MINUTES.
- SKIN: WASH IMMEDIATELY WITH SOAP AND WATER AND CONTACT PHYSICIAN IF IRRITATION PERSISTS.
- INGESTION: CONSULT PHYSICIAN IMMEDIATELY.

## **Section VII:** PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be taken in Case Material is Released or Spilled:

- WIPE UP WITH RAG OR USE SOME ABSORBENT CLAY MATERIAL.

Waste Disposal Method:

- DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GUIDELINES.
- DO NOT PUNCTURE OR INCINERATE CONTAINER.
- DO NOT REUSE CONTAINER.
- WRAP CONTAINER AND PLACE IN TRASH COLLECTION.

Precautions to be taken in handling and storing:

- DO NOT STORE OR USE NEAR HEAT OR OPEN FLAME.
- EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING.

Other Precautions:

- VAPOR MAY COLLECT IN LOW LYING AREAS.

**Section VIII: CONTROL MEASURES**

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Respiratory Protection: USE ONLY IN WELL VENTILATED AREAS.

Ventilation: Local Exhaust: YES

Mechanical: N/A

Special: N/A

Other: N/A

Protective Gloves: RECOMMENDED

Eye Protection: SAFETY GOGGLES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.

Other Protective Clothing or Equipment:

GLOVES AND SAFETY GLASSES ARE RECOMMENDED ANYTIME CHEMICALS ARE HANDLED.

Work/Hygienic Practices: WASH HANDS AFTER USE.