

MATERIAL SAFETY DATA SHEETS
QUICK SCRUB III CLEANER DEGREASER
DG318

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 Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	HMIS CODES
DG318 QUICK SCRUB III	Health 2 *
MANUFACTURER'S NAME	Flammability 0
VENTCO, INC.	Reactivity 0
15050 BERKSHIRE IND. PKWY.	EMERGENCY PHONE NUMBERS:
MIDDLEFIELD, OH 44062	CHEMTREC: 202-483-7616
DATE OF PREPARATION	INFORMATION PHONE : 440-834-8888
MARCH 15, 2002	INTERNATIONAL CHEMTREC: 703-527-3887

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Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
98	79-01-6	Trichloroethylene.		
		ACGIH TLV	50 ppm	57.8 mm
		ACGIH TLV	100 ppm STEL	
		OSHA PEL	100 ppm	
3	124-38-9	Carbon Dioxide		
		ACGIH TLV	5000 ppm	
		OSHA PEL	5000 ppm	

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Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to section 11.

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 Section 4 -- FIRST AID MEASURES

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If INHALED: If affected, remove from exposure. Restore breathing.
Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water.
Remove contaminated clothing and laundry before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes.
Get medical attention.
If SWALLOWED: Do not induce vomiting.
Get medical attention immediately.
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Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT LEL UEL
Not Applicable N.A. N.A.

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build up of pressure) when exposed to extreme heat.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

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Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate and remove with inert absorbent.
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Section 7 -- HANDLING AND STORAGE

STORAGE CATEGORY

NFPA 30B Level 1 Aerosol

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents under pressure. Do not puncture, incinerate or expose to temperatures above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.
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Section 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

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RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

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Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	12.04 lb/gal	1442 g/l
SPECIFIC GRAVITY	1.45	
BOILING POINT	< 0 - 188 F	< -18 - 86 C
MELTING POINT	Not available	
VOLATILE VOLUME	100%	
EVAPORATION RATE	Faster than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
VOLATILE ORGANIC COMPOUNDS	(VOC Theoretical)	
Volatile Weight 97.50 %	Less Federally Exempt Solvents	

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Section 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable

CONDITIONS TO AVOID

None Known

INCOMPATIBILITY

None Known

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride

HAZARDOUS POLYMERIZATION

Will not occur

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Section 11 -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Mice exposed to trichloroethylene developed liver tumors in several laboratory studies, however, other animal studies and all human epidemiological studies have found no association between trichloroethylene and cancer.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, cardiovascular, nervous and respiratory systems.

TOXICOLOGY DATA

CAS No. Ingredient Name

79-01-6	Trichloroethylene				
		LC50	RAT	4 HR	Not Available
		LD50	RAT		Not Available

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 124-38-9 Carbon Dioxide
 LC50 RAT 4HR Not Available
 LC50 RAT Not Available
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 Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available

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 Section 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the resource Conservation and Recovery Act. (RCRA) 40 CFR 261.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and Local regulations regarding pollution.

This product contains trichloroethylene, a highly volatile solvent which is a toxic waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. In normal use this chemical will quickly evaporate, however grease or other residue removed by this product may contain sufficient trichloroethylene to be classified as a toxic waste.

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 Section 14 -- TRANSPORT INFORMATION

No data available.

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 Section 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
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79-01-6	Trichloroethylene.	98	
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CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

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 Section 16 -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.