MATERIAL SAFETY DATA SHEET
CLEANER DEGREASER NON-FLAMMABLE

I. PRODUCT AND MANUFACTURER INFORMATION	
Product name	**CLEANER DEGREASER NON-FLAMMABLE, AEROSOL**
Chemical name	
Synonyms	
CAS number	
Manufacturer	Ashburn Chemical Technologies 2911 Rusk Houston, TX 77003
Emergency phone number	713-425-3000
MSDS prepared by	
Date of last revision	1/21/05

II. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS NUMBER	% Optional	OSHA PEL	ACGIH TLV	CHEMICAL AND/OR COMMON NAME(S)
CARBON DIOXIDE	124-38-9		5000 PPM	5000 PPM	
TETRACHLOROETHYLENE *+	127-18-4		25 PPM	50 PPM	
TRICHLOROETHYLENE *+	79-01-6		100 PPM	50 PPM	

(All of the ingredients contained in this product are listed on the TSCA inventory.)
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.
THIS PRODUCT CONTAINS CHEMICAL(S) MARKED WITH A + KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

III. PHYSICAL AND CHEMICAL CHARACTERISTICS	
Boiling point @ 760 mm Hg	165
Vapor pressure at 20 °C (mm Hg)	59
Vapor density (air = 1)	>1
Solubility in water	0%
Appearance and odor	CLEAR SPRAY, CHLORINATED SOLVENT ODOR
Specific gravity (H_2O = 1.0)	1.50
Melting point	N/A
Evaporation rate (butyl acetate = 1)	>1

IV. FIRE AND EXPLOSION HAZARD DATA			
Combustible/Not combustible	Not Combustible		
Flammable/Not flammable	Not Flammable		
Pyrophoric/Not pyrophoric	Not pyrophoric		
Explosive/Not explosive	Not explosive		
Flash point (test method)	NONE		
Flammable limits (in Air % by volume)	N/A		
Extinguishing media	STANDARD DRY CHEMICAL FIRE EXTINGUISHER.		
Special fire-fighting procedures or equipment	WEAR SELF CONTAINED BREATHING APPARATUS		
Unusual fire and explosion hazards	CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING		

ASHBURN
Cut - Clean - Protect

V. REACTIVITY DATA	
Material is stable/unstable	STABLE
Conditions to avoid	TEMPERATURES ABOVE 120 F
Incompatibility (materials to avoid)	SOME PLASTICS
Hazardous decomposition or by-products	EXPOSURE TO RED HOT SURFACES MAY PRODUCE PHOSGENE, CARBON MONOXIDE AND HYDROGEN CHLORIDE GASES.
Hazardous polymerization will/will not occur	WILL NOT OCCUR

VI. HEALTH HAZARD DATA	
Primary route(s) of entry	INHALATION, SKIN, INGESTION
Known Hazards Under 29 CFR 1910.1200	
Mutagenic (genetic defects)	NONE
Reproductive	NONE
Systemic	NONE
Teratogenic (birth defects)	NONE
Carcinogen listed in:	
NTP (National Toxicology Program)	NO
IARC Monographs	YES
OSHA Reg	YES
Signs and symptoms of exposure	
Inhalation	PROLONGED EXPOSURE MAY LEAD TO UNCONSCIOUSNESS.
Skin contact	MILD IRRITATION. MAY CAUSE LOCALIZED DEFATTING OF SKIN.
Eye contact	STRONG IRRITATION.
Ingestion	NAUSEA, VOMITING, UNCONSCIOUSNESS OR DEATH.
Emergency first aid procedures	
Inhalation	REMOVE TO FRESH AIR. CONSULT PHYSICIAN IF DIFFICULTY BREATHING.
Skin contact	WASH IMMEDIATELY WITH SOAP AND WATER AND CONTACT PHYSICIAN IF IRRITATION PERSITS.
Eye contact	FLUSH WITH WATER FOR 15 MINUTES.
Ingestion	CONSULT PHYSICIAN IMMEDIATLEY.
Medical conditions generally aggravated by exposure	EXCESSIVE EXPOSURE WILL AGGRAVATE RESPIRATORY, CARDIOVASCULAR OR PULMONARY ILLNESSES.
Notes to physician	

VII. PRECAUTIONS FOR SAFE HANDLING AND USE		
Steps to take if 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 for 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.	
Hazard ratings	HMIS	
Health	2	

Flammability	0	
Reactivity	1	
Personal protection	B	

VIII. CONTROL MEASURES	
Protective gloves (type and material)	RECOMMENDED-NEOPRENE
Eye protection	SAFTEY GOGGLES ARE RECOMMENDED WHENEVERCHEMICALS ARE USED.
Other protective clothing or equipment	ADEQUATE TO AVOID CONTACT WITH EXPOSED AREAS OF SKIN.
Respiratory protection (specify type)	NA
Ventilation and conditions	USE ONLY IN WELL VENTILATED AREA.
Local	RECOMMENDED
Mechanical	NA
Other	NA
Special	NA
Work/hygienic practices	WASH HANDS THOROUGHLY WITH SOAP AND WATER AFTER USE.

IX. ADDITIONAL REGULATORY INFORMATION	
SARA hazard category (Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III)	NONE
Toxic chemical(s) subject to the supplier notification requirements of section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SARA) and the requirements of 40 CFR part 372	TETRACHLOROETHYLENE, TRICHLOROETHYLENE
Ingredient(s) regulated under the Clean Air Act Section 112 hazardous air pollutants and subject to all reporting requirements of CERCLA (Superfund)	NONE

NA – not applicable NR – not reported ND – not determined NE – not established UN – unknown

The information presented in this MSDS has been compiled from sources deemed reliable. This MSDS is presented in good faith and believed to be accurate as of the effective date shown above. No warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another. It is the responsibility of the buyer to insure compliance with federal, state, provincial and local laws and regulations.