

MATERIAL SAFETY DATA SHEET

COLD GALVANIZING COMPOUND

I. PRODUCT AND MANUFACTURER INFORMATION	
Product name	COLD GALVANIZING COMPOUND, 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	2/4/03

II. HAZARDOUS INGREDIENTS					
HAZARDOUS COMPONENT	CAS NUMBER	% Optional	OSHA PEL	ACGIH TLV	CHEMICAL AND/OR COMMON NAME(S)
ACETONE	67-64-1		1000 PPM	750 PPM	
PROPANE/N-BUTANE	68476-86-8		1000 PPM	600 PPM	
XYLENE (XYLOL) *	1330-20-7		100 PPM	100 PPM	
ZINC DUST *	7440-66-6		15 MG/M3	10 MG/M3	

(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.

III. PHYSICAL AND CHEMICAL CHARACTERISTICS	
Boiling point @ 760 mm Hg	165 F
Vapor pressure at 20 °C	100
Vapor density (air = 1)	1
Solubility in water	0%
Appearance and color	GRAY LIQUID, MILD ODOR
Specific gravity (H ₂ O = 1.0)	1.0
Melting point	N/A
Evaporation rate (butyl acetate = 1)	<6

IV. FIRE AND EXPLOSION HAZARD DATA	
Combustible/Not combustible	Combustible
Flammable/Not flammable	Flammable
Pyrophoric/Not pyrophoric	Not pyrophoric
Explosive/Not explosive	Not explosive
Flash point (test method)	65 F (TCC)
Flammable limits (in Air % by volume)	N/A
Extinguishing media	STANDARD CHEMICAL FIRE EXTINGUISHER
Special fire-fighting procedures or equipment	WEAR SELF CONTAINED BREATHING APPARATUS
Unusual fire and explosion hazards	WARNING: FLAMMABLE. CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING. MAY DEVELOP A FLAMMABLE ATMOSPHERE IN CONFINED AREAS.

V. REACTIVITY DATA	
Material is stable/unstable	STABLE
Conditions to avoid	TEMPERATURES ABOVE 120 F, HOT SURFACES
Incompatibility (materials to avoid)	STRONG OXIDIZERS
Hazardous decomposition or by-products	EXPOSURE TO RED HOT SURFACES MAY PRODUCE OXIDES OF CARBON AND NITROGEN.
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)	NOT A HAZAARD
Reproductive	NOT A HAZAARD
Systemic	NOT A HAZAARD
Teratogenic (birth defects)	NOT A HAZAARD
Carcinogen listed in:	
NTP (National Toxicology Program)	NOT A CARCINOGEN
IARC Monographs	NOT A CARCINOGEN
OSHA	NOT A CARCINOGEN
Signs and symptoms of exposure	
Inhalation	DIZZINESS. NAUSEA.
Skin contact	MILD IRRITATION, LOCALIZED DEFATTING OF SKIN. SENSITIVE SKIN MAY BREAK OUT IN TO RASH.
Eye contact	MAY CAUSE IRITAIION/BURNING SENSATION..
Ingestion	WILL CAUSE NAUSEA, SICKNESS.
Emergency first aid procedures	
Inhalation	REMOVE TO FRESH AIR. CONSULT PHYSICIAN IF DIFFICULTY BREATHING.
Skin contact	WASH THOROUGHLY WITH SOAP & WATER.
Eye contact	FLUSH WITH RUNNING WATER THOROUGHLY FOR 15 MINUTES. IF IRRITATION PERSISTS, CONSULT PHYSICIAN.
Ingestion	DO NOT INDUCE VOMITING, CONSULT PHYSICIAN.
Medical conditions generally aggravated by exposure	NONE
Notes to physician	

VII. PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps to take if released or spilled	CONTAIN SPILL AND WIPE UP WITH A RAG. SPILLED RESIDUE SHOULD BE CLEANED UP WITH SOLVENT.
Waste disposal method	RESIDUE SHOULD BE KEPT IN TIGHTLY SEALED CONTAINERS. DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GUIDELINES. DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT REUSE CONTAINER.
Precautions for handling and storing	DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT REUSE CONTAINER. STORE IN A COOL, DRY AREA. DO NOT USE OR STORE NEAR HEAT OR OPEN FLAMES. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING.
Other precautions	VAPOR MAY COLLECT IN LOW LYING AREAS.
Hazard ratings	HMIS
Health	1
Flammability	3
Reactivity	1
Personal protection	A

VIII. CONTROL MEASURES	
Protective gloves (type and material)	N/A
Eye protection	SAFETY GOGGLES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.
Other protective clothing or equipment	NA
Respiratory protection (specify type)	NA
Ventilation and conditions	USE ONLY IN WELL VENTILATED AREA.
Local	SUFFICIENT
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	XYLENE ZINC DUST
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.