

(000000-000000- - 5002)

|DATE OF ISSUE
| 8/29/2006

| SUPERSEDES |
| 12/7/2004 |

SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS
N/A

TRADE NAME & SYNONYMS
AR-19 AEROSOL

CHEMICAL FAMILY:
ALCOHOL/SILICONE EMULSION BLEND SOLUTION

FORMULA
X <-MIXTURE

MANUFACTURER'S NAME:
CHEMSEARCH, DIV. OF NCH CORP.

ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE)
BOX 152170
IRVING, TEXAS 75015

PREPARED BY:
E LEVI/CHEMIST

| PRODUCT CODE NUMBER
5002

| EMERGENCY TELEPHONE NUMBER
800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

CHEMICAL NAME (INGREDIENTS):
ISOPROPANOL

HAZARD---->FLAM/IRR	TLV-->200 PPM	1.	PEL--->400 PPM	2.	
STEL(TWA)*->400 PPM	CAS#->67-63-0				

POLYDIMETHYLSILOXANE
HAZARD---->IRRITANT
STEL(TWA)*->NOT EST.

TLV-->NOT EST.	1.	PEL--->NOT EST.	2.	
CAS#->63148-62-9				

ISOBUTANE

HAZARD---->FLAM/ASPHYX	TLV-->NOT EST.	1.	PEL--->NOT EST.	2.	
STEL(TWA)*->NOT EST.	CAS#->74-28-5				

SECTION III - PHYSICAL DATA

BOILING PT. (F)	180	SPEC. GRAVITY (H20=1)	0.97
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VAPOR PR. (MM HG)	131	COLOR	WHITE
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VAPOR DENSITY	2.0	ODOR	ALCOHOL
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PH. @ 100%	8-11	CLARITY	OPAQUE
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% VOLATILE BY VOL	99	EVAPORATION RATE	9.3
		(BU A/C = 1)	

H2O SOLUBILITY	COMPLETE
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VISCOSITY	NON-VISCOUS
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SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT: 75° F	FLAMMABLE LIMITS	LEL	UEL
SETAFLASH	PRODUCT MIXTURE	1.8%	12.7%

EXTINGUISHING MEDIA	"ALCOHOL"		DRY	WATER	
X <--FOAM	X <--FOAM	X <--CO2	X<--CHEMICAL	<--SPRAY	<--OTHER

SPECIAL FIRE FIGHTING PROCEDURES
 FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
 EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT BURSTING.

UNUSUAL FIRE AND EXPLOSION HAZARDS
 VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO DISTANT AND/OR LOW-LYING SOURCES OF IGNITION AND FLASHBACK. THE USE OF WATER SPRAY (F0G) WHILE EFFECTIVE, MAY CAUSE FROTHING AND FOAMING. NEVER USE A WATER JET AS THIS WILL JUST SPREAD THE FIRE. USE CARE AS SPILLS MAY BE SLIPPERY. FLAME EXTENSION IS >24 INCHES, BURNBACK IS 0 INCHES

NFPA HAZARD RATING (0=INSIGNIFICANT; 1=SLIGHT; 2=MODERATE; 3=HIGH; 4=EXTREME):
 2 <--HEALTH 3 <--FLAMMABILITY 0 <--INSTABILITY <--SPECIAL

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:
 NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

EFFECTS OF OVEREXPOSURE:

- ACUTE - (SHORT TERM EXPOSURE)

EYE CONTACT: CAUSES IRRITATION SEEN AS STINGING, TEARING, AND REDNESS.
 SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS. PROLONGED OR REPEATED CONTACT AS FROM CLOTHING WET WITH MATERIAL MAY CAUSE DRYING, DEFATTING, AND CRACKING OF THE SKIN.
 INHALATION: CAUSES RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING. AT LOW VAPOR CONCENTRATIONS, NO HARMFUL EFFECTS ARE EXPECTED. AT HIGH VAPOR CONCENTRATIONS, INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS SUCH AS HEADACHE, DIZZINESS, DROWSINESS, WEAKNESS, UNCONCIOUSNESS, POSSIBLE ANESTHETIC EFFECTS FROM CENTRAL NERVOUS SYSTEM DEPRESSION, AND MAY BE FATAL.
 INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING, AND DIARRHEA. INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL.

- CHRONIC - (LONG TERM EXPOSURE)

PROLONGED EXPOSURE MAY CAUSE KIDNEY EFFECTS, FACIAL FLUSHING, LOW BLOOD PRESSURE, AND SLOW HEART RATE. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS
 TARGET ORGANS: CENTRAL NERVOUS SYSTEM AND KIDNEYS. THE PRIMARY ROUTES OF EXPOSURE ARE SKIN AND EYE CONTACT.

PRIMARY ROUTE OF ENTRY: <-- INHALATION <-- INGESTION <-- ABSORPTION

EMERGENCY & FIRST AID PROCEDURES
 INHALATION:
 REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

EYE CONTACT:
 RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

SECTION V - HEALTH HAZARD DATA (CONTINUED)

SKIN CONTACT:

WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INGESTION:

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

NOTES TO PHYSICIAN:

INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL. DEPENDING ON THE AMOUNT INGESTED AND RETAINED AS WELL AS THE TOXICITY OF THE PRODUCT, GASTRIC LAVAGE SHOULD BE CONSIDERED. KEEP PATIENT'S HEAD BELOW HIPS TO PREVENT PULMONARY ASPIRATION. IF COMATOSE, A CUFFED ENDOTRACHEAL TUBE WILL PREVENT ASPIRATION.

SECTION VI - TOXICITY INFORMATION

PRODUCT CONTAINS CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY:

IARC <--YES	NTP <--YES	OSHA <--YES	ACGIH <--YES	OTHER <--YES
X<--NO	NTP X<--NO	OSHA X<--NO	ACGIH X<--NO	OTHER X<--NO

ISOPROPANOL

IHL-RAT LC50: 16000 PPM/8H	3.
ORL-HMN LDLo: 3570 MG/KG	3.
ORL-RAT LD50: 5045 MG/KG	3.
SKN-RBT LD50: 12800 MG/KG	3.
SKN-RBT SDT: 500 MG MILD	3.
EYE-RBT SDT: 10 MG MODERATE	3.

POLYDIMETHYLSILOXANE

IHL-RBT LC50: >978 GM/M3/7.5H	3.
ORL-RAT LD50: >50 ML/KG	3.
SKN-RBT LD50: >20 ML/KG	3.
SKN-RBT SDT: 500 UL/24H MILD	3.
EYE-RBT SDT: 100 UL/24H MILD	3.

ISOBUTANE

IHL-RAT LC50: 658 G/M3/4H	3.
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SECTION VII - REACTIVITY DATA

STABILITY	X<--STABLE <--UNSTABLE CONDITIONS TO AVOID
	AVOID HEAT, HOT SURFACES, SPARKS, AND OPEN FLAMES.

INCOMPATABILITY (MATERIALS TO AVOID) :
 STRONG ACIDS, STRONG OXIDIZERS, ALDEHYDES, HALOGEN COMPOUNDS.

HAZARDOUS DECOMPOSITION PRODUCTS
 STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE; BASES, CHLORINATED COMPOUNDS, HALOGENS, ALDEHYDES, AMINES, AND ALKANOLAMINES. AVOID CONTACT WITH ALUMINUM AT HIGH TEMPERATURES.

SECTION VII - REACTIVITY DATA (CONTINUED)

HAZARDOUS POLYMERIZATION	WILL NOT	MAY	CONDITIONS TO AVOID
	X <--OCCUR	<--OCCUR	
N/A			

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
 DUE TO THE NATURE OF THE AEROSOL PACKAGING, A LARGE SPILL IS UNLIKELY. FOR A SMALL SPILL, WEAR APPROPRIATE PROTECTIVE CLOTHING, ELIMINATE ALL SOURCES OF IGNITION, VENTILATE THE AREA, ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. USE CARE AS SPILLS MAY BE SLIPPERY.

WASTE DISPOSAL METHOD(S):
 DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

NEUTRALIZING AGENT:
 N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION:
 LOCAL VENTILATION IS RECOMMENDED TO CONTROL EXPOSURE FROM OPERATIONS THAT CAN GENERATE EXCESSIVE LEVELS OF MISTS OR VAPORS. LOCAL VENTILATION IS PREFERRED, BECAUSE IT PREVENTS DISPERSION INTO WORK AREAS BY CONTROLLING IT AT ITS SOURCE.

RESPIRATORY PROTECTION:
 TYPICAL USE OF THIS PRODUCT DOES NOT REQUIRE THE USE OF A RESPIRATOR. IF USED IN A POORLY VENTILATED AREA FOR EXTENDED PERIODS, WEAR A NIOSH APPROVED RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE.

GLOVE PROTECTION:
 NEOPRENE OR NITRILE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

EYE PROTECTION:
 WEAR SAFETY GLASSES WITH SIDE SHIELDS IF METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

OTHER PROTECTION:
 WEAR GENERAL DUTY WORK CLOTHING AND SHOES. REMOVE SOAKED CLOTHING AND SHOES. WASH CLOTHING AND CLEAN SHOES BEFORE REUSE. A SAFETY SHOWER AND AN EYEWASH STATION SHOULD BE AVAILABLE.

SECTION X - STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE	INDOOR	HEATED	REFRIGERATED	OUTDOOR
MAX: 120 F MIN: 32 F	X			X

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING
 USE WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY, AND OPEN FLAME.

OTHER PRECAUTIONS
 KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

SECTION XI - REGULATORY INFORMATION

CHEMICAL NAME	C.A.S NUMBER	UPPER % LIMIT
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N/A

THOSE INGREDIENTS LISTED ABOVE ARE SUBJECT TO THE REPORTING REQUIREMENTS OF 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

IF UE (USE EXEMPTION) APPEARS UNDER UPPER % LIMIT, END USERS ARE EXEMPT FROM NOTIFICATION BECAUSE THE PRODUCT IS USED AND LABELED FOR ROUTINE JANITORIAL WORK, OR THE PRODUCT IS USED AND LABELED FOR FACILITY GROUNDS MAINTENANCE (SUCH AS FERTILIZERS AND HERBICIDES), OR THE PRODUCT IS USED AND LABELED FOR MAINTAINING MOTOR VEHICLES.

SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 2006.
 2. OSHA PEL.
 3. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFOWEB, 2006.
 4. VENDOR'S MSDS.
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* SHORT TERM EXPOSURE LIMIT (TWA) LISTED AS FINAL RULE LIMITS PUBLISHED IN THE FEDERAL REGISTER/VOL. 54 NO. 12, 1-19-89

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