

***** MATERIAL SAFETY DATA SHEET *****

Version Date.....03/23/11 SUPER COLD GALV (AEROSOL) B=TOLUENE
Print Date.....03/23/11

SECTION 1 PRODUCT IDENTIFICATION

COMPANY NAME WHO SENT MSDS..... HARRIS PRODUCTS GROUP
COMPANY ADDRESS..... 4501 QUALITY PLACE MASON OHIO 45040
513-754-2000
EMERGENCY PHONE NUMBER..... (800) 424-9300
MSDS VERSION NUMBER..... 3
TRADE NAME..... SUPER COLD GALV (AEROSOL)

HAZARD RATING (HMIS)..... HEALTH-3
FLAMMABILITY-4
REACTIVITY-0
OTHER-1

HMIS DESIGNATION KEY.....
4 - SEVERE HAZARD
3 - SERIOUS HAZARD
2 - MODERATE HAZARD
1 - SLIGHT HAZARD
0 - MINIMAL HAZARD

SECTION 2 HAZARDOUS COMPONENTS

MATERIAL	% BY WEIGHT	CAS NUMBER	OSHA PEL	ACGIH TLV (Mg/M3)	SEC 313
*TOLUENE	9	108-88-3		100	YES
*ACETONE	26	67-64-1		750	YES
*XYLENE	5	1330-20-7		100	YES
ISOBUTYL ACETATE	1	110-19-0		150	NA
PROPANE/ISOBUTANE	27	74-98-6		1000	NA
*DIACETONE ALCOHOL	1	123-42-2		50	YES
*VM & P NAPHTHA	1	64742-89-8		300	YES
*ZINC	26	7440-66-6		NA	YES

*SEE ADDITIONAL INFORMATION FOR SARA TITLE

SECTION 3 PHYSICAL PROPERTIES

BOILING POINT..... -40F TO 279F
MELTING POINT..... NA
VAPOR PRESSURE..... NDA
VAPOR DENSITY (AIR = 1)..... 4.0
SOLUBILITY IN WATER..... NONE
SPECIFIC GRAVITY..... (H2O=1) :0.9

SECTION 3

PHYSICAL PROPERTIES

CONT'D

EVAPORATION RATE..... >1
APPEARANCE AND ODOR..... GRAY/SOLVENT ODOR.

SECTION 4

FIRE AND EXPLOSION DATA

FLASH POINT..... -40F (TCC)
FLAMMABLE LIMITS - LEL 1.8 UEL 12.0
EXTINGUISHING MEDIA..... USE WATER FOG, OR DRY CHEMICAL.
SPECIAL PROCEDURES..... AEROSOL CANS MAY RUPTURE WHEN HEATED.
UNUSUAL HAZARDS..... HEATED CANS MAY BURST.

SECTION 5

REACTIVITY DATA

STABILITY..... STABLE
CONDITIONS TO AVOID..... NA
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR
INCOMPATIBILITY..... AVOID STRONG OXIDIERS. NOT COMPATIBLE
WITH ACTIVE METALS.
HAZARDOUS DECOMPOSITION PRODUCTS IN FIRE WILL DECOMPOSE H2O, CO2, HALOGEN
ACIDS, AND PHOSGENE.

SECTION 6

HEALTH HAZARD DATA

ROUTES OF ENTRY..... INHALATION, SKIN, INGESTION.
HEALTH HAZARDS..... MAY CAUSE DIZZINESS OR NARCOSIS IN HIGH
VAPOR CONCENTRATIONS. WILL CAUSE
DEFATTING OF THE SKIN. LONG TERM EXPOSURE
MAY CAUSE LUNG, LIVER, OR KIDNEY DAMAGE.
THE SOLVENTS LISTED HAVE BEEN REPORTED TO
AFFECT THE CENTRAL NERVOUS SYSTEM.
CARCINOGENICITY..... NO NTP N/A IARC MONOGRAPHS N/A OSHA N/A
PRESENTLY NOT ON ANY LIST.
SIGNS & SYMPTOMS OF EXPOSURE.... MAY CAUSE IRRITATION TO SKIN AND EYES.
INGESTION - VOMITING.

SECTION 6

HEALTH HAZARD DATA

CONT'D

MEDICAL CONDITIONS FROM EXPOSURE SEE ABOVE.
EMERGENCY & FIRST AID..... EYES - FLUSH EYES WITH WATER FOR 15 MINUTES.
SKIN - WASH WITH SOAP & WATER.
INHALATION - REMOVE TO FRESH AIR.
CALL A PHYSICIAN.
INGESTION - DRINK WATER, NEVER INDUCE VOMITING.

ADDITIONAL INFORMATION..... WARNING: THE STATE OF CALIFORNIA REQUIRES THE FOLLOWING INFORMATION: WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE REPRODUCTIVE TOXICITY.
EFFECTS OF OVEREXPOSURE:
ACCUTE: EYE - CAN CAUSE SEVERE IRRITATION TEARING, BLURRED VISION. SKIN - PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.
BREATHING - EXCESSIVE INHALATION OF VAPORS CAN CAUSE SOME NASAL & RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA HEADACHE, POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION. SWALLOWING - MAY RESULT IN GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA . ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. CHRONIC: ANEMIA AND KIDNEY DAMAGE IN LABORATORY ANIMALS. ALSO REPORTS HAVE ASSOCIATED PERMANENT BRAIN DAMAGE WITH ANY REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS AMONG THOSE IN THE PAINTING TRADE.

SECTION 7

PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL AND LEAK PROCEDURES..... SMALL SPILLS - ADD ABSORBENT, SWEEP UP AND DISCARD. DISPOSE OF ABSORBENT AS HAZARDOUS MATERIAL.

WASTE AND DISPOSAL METHOD..... DISPOSE AS HAZARDOUS IN ACCORDANCE WITH EPA & RCRA REGULATIONS.

HANDLING AND STORING PRECAUTIONS KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME. STORE AT TEMPERATURES BELOW 120F.

OTHER PRECAUTIONS..... NA

SECTION 7

PRECAUTIONS FOR SAFE HANDLING AND USE

CONT'D

SECTION 8

CONTROL MEASURES

RESPIRATORY MEASURES..... SELF CONTAINED BREATHING APPARATUS IF TLV
LIMIT IS EXCEEDED.
VENTILATION..... LOCAL EXHAUST - YES. MECHANICAL - NONE.
PROTECTIVE GLOVES..... NONE IF SPRAYING.
EYE PROTECTION..... YES
OTHER PROTECTIVE EQUIPMENT..... LONG SLEEVES & LONG PANTS
WORK/HYGIENIC PRACTICES..... DO NOT SMOKE WHILE USING. WASH HANDS
AFTER USE.
FOR MAXIMUM SAFETY: BE CERTIFIED FOR, AND
WEAR A RESPIRATOR AT ALL TIMES WHEN
WELDING OR BRAZING.

SECTION 9

DISCLAIMER

THIS DATA IS BELIEVED TO BE ACCURATE. THERMACOTE

SECTION 10

ADDITIONAL INFORMATION

STATEMENT FOR ZINC GALVANIZING (AEROSOL) -
THE ACCEPTABLE CEILING CONCENTRATION FOR
TOLUENE IS 300 PPM. ACCEPTABLE MAXIMUM
PEAK ABOVE THE ACCEPTABLE CEILING CONCEN-
TRATION FOR AN 8 HOUR SHIFT IS 500 PPM FOR
10 MINUTES FOR TOLUENE.

* ALL CHEMICAL COMPOUNDS MARKED WITH AN
ASTERISK (*) ARE TOXIC CHEMICALS SUBJECT
TO THE REPORTING REQUIREMENTS OF SECTION
313 OF TITLE III OF THE SUPER FUND
AMENDMENTS AND REAUTHORIZATION ACT (SARA)
OF 1986 AND 40 CFR PART 372. YOU MUST
NOTIFY EACH PERSON TO WHOM THIS MIXTURE OR
TRADE NAME PRODUCT IS SOLD. THIS STATE-
MENT MUST REMAIN A PART OF THIS MSDS.
THIS STATEMENT MUST NOT BE DETACHED. ANY
COPY OR REDISTRIBUTION OF THIS MATERIAL
SAFETY DATA SHEET SHALL INCLUDE THIS
STATEMENT.

NEW JERSEY RIGHT TO KNOW INFORMATION:
PROPANE CAS # 74-98-6
ACETONE CAS # 67-64-1
ZINC CAS # 7440-66-6
ISOBUTANE CAS # 75-28-5

SUPER COLD GALV (AEROSOL) B=TOLUENE

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SECTION 10

ADDITIONAL INFORMATION

CONT'D

BUTANE CAS # 106-97-8
NA = NOT AVAILABLE

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SECTION 11

ADDITIONAL INFORMATION