

**MSDS DATA SHEET**

Created on 10/27/2003

Part Number: 12378254

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CHEMISTRI 10/27/03

DISPLAY MATERIAL SAFETY DATA SHEET 17:35:23

SCREEN QA06 KEY 0000944328,0000000018

FID#: 00179312 VER-DT: 01/02/90

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SECTION 01: CHEMICAL PRODUCT & COMPANY ID  
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PRODUCT PRIMARY NAME: ENGINE COOLANT SUPPLEMENT

PLANT SYNONYMS: COOLING SYSTEM SEAL TABS

- > ENGINE COOLANT SUPPLEMENT
- > 12378254
- > 3634621

SAFE USE CATEGORY AND DESCRIPTION: 10 -CORROSIVES - ACID/BASE  
POWDER,FLAKE,SALT

LAST UPDATED DATE: 1991-05-02

MANUFACTURER'S ID (MID): 000523026  
MANUFACTURER'S NAME: INSEALATOR INC  
MANUFACTURER'S MAILING ADDRESS:  
720 W ROSE ST  
P.O. BOX 187  
HOLLY MI 48442  
US

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SECTION 02: COMPOSITION & INGREDIENT INFO  
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CAS#	FORMULATION	W/V	CHEMICAL NAME
000458377	= 4.5000/ 0.0000%	W	1,6-HEPTADIENE-3,5-DIONE, 1,7-BIS(
*			4-HYDROXY-3-METHOXYPHENYL)-
006132021	= 6.0000/ 0.0000%	W	Carbonic acid disodium salt, decah
*			ydrate
989911893	= 80.5000/ 0.0000%	W	GINGER
989926766	= 9.0000/ 0.0000%	W	ALMOND SHELL

THRESHOLD LIMIT VALUE: NUISANCE DUSTS: 10 MG/M3

PERMISSIBLE EXPOSURE LIMIT: NUISANCE DUSTS: 15 MG/M3

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SECTION 03: HAZARDS IDENTIFICATION  
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PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = Y  
 EYE PRIMARY ENTRY ROUTE INDICATOR = N  
 INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y  
 INGESTION PRIMARY ENTRY ROUTE INDICATOR = Y

PRIMARY ROUTES OF ENTRY TEXT: INHALATION, SKIN CONTACT, INGESTION

EFFECTS OF OVEREXPOSURE: ACUTE AND CHRONIC: EYE CONTACT MAY CAUSE SEVERE EYE IRRITATION OR BURNS. SKIN CONTACT MAY CAUSE SKIN IRRITATION. PROLONGED SKIN CONTACT MAY CAUSE MORE SERIOUS SKIN DISORDERS. PNEUMONIA. IF SWALLOWED, MAY CAUSE GASTROINTESTINAL DISTURBANCES. CARCINOGENICITY: NTP: NO, IARC: NO, OSHA: NO. SIGNS AND SYMPTOMS: EYES: IRRITATION, PAIN, REDDENING, AND SWELLING. SKIN: IRRITATION, ITCHING, PAIN, REDDENING, AND SWELLING OF AFFECTED SKIN. INHALATION: IRRITATION

AND PAIN OF THE THROAT AND UPPER RESPIRATORY TRACT, COUGHING DIFFICULTY BREATHING AND FLU-LIKE SYMPTOMS. INGESTION: GASTROINTESTINAL DISTRESS AND NAUSEA. MEDICAL CONDITIONS GENERALLY AGGRAVATED: PEOPLE WITH PRE-EXISTING RESPIRATORY PROBLEMS SUCH AS ASTHMA AND EMPHYSEMA SHOULD AVOID THE INHALATION OF IRRITATING DUSTS.

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SECTION 04: FIRST AID MEASURES  
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EMERGENCY FIRST AID PROCEDURES - GENERAL: STANDARD PROCEDURES.

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EXTINGUISHING MEDIA: WATER FOG, DRY CHEMICAL CO2

SPECIAL FIRE FIGHTING PROCEDURES: WEAR A SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST OXYGEN DEFICIENCY AND TOXIC GASES WHICH MAY BE FORMED AS THE MATERIAL BURNS. THE MATERIAL IS STRONGLY ALKALINE. IMPERVIOUS CLOTHING SHOULD BE WORN BY FIREFIGHTERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: THE RESIDUE FROM ANY FIRE INVOLVING THE MATERIAL WILL BE STRONGLY ALKALINE.

NFPA CODES:

NFPA FLAMMABILITY CODE = 0  
NFPA HEALTH CODE = 3  
NFPA REACTIVITY CODE = 2

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SPILL OR LEAK PROCEDURES: SWEEP UP SPILLED MATERIAL - MINIMIZE DUSTING.

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SECTION 07: HANDLING AND STORAGE  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE NEAR INCOMPATIBLE MATERIALS OR SOURCES OF HEAT.

SECTION 7 - OTHER INFORMATION: N/I

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SECTION 08: EXPOSURE CONTROLS - PROTECTION  
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EYE PROTECTION: USE CHEMICAL SPLASH GOGGLES OR A FULL FACESHIELD TO PREVENT EYE CONTACT.

RESPIRATORY PROTECTION: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. USE A NIOSH APPROVED DUST RESPIRATOR IF THE AIRBORNE DUST CONCENTRATION EXCEEDS THE OSHA PEL FOR NUISANCE DUSTS.

PERSONAL PROTECTIVE EQUIPMENT: IF CONTACT IS UNAVOIDABLE, USE OTHER IMPERVIOUS PROTECTIVE CLOTHING. WORK/HYGIENIC/MAINTENANCE PRACTICES: WASH HANDS AFTER USE. LAUNDRY CONTAMINATED CLOTHING.

PROTECTIVE GLOVES (SPECIFY TYPE): USE IMPERVIOUS RUBBER GLOVES TO PREVENT SKIN CONTACT.

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SECTION 09: PHYSICAL & CHEMICAL PROPERTIES  
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BOILING POINT TEXT: N/A

VAPOR DENSITY TEXT: N/A

VAPOR PRESSURE TEXT: N/A

PERCENT VOLATILE BY VOLUME TEXT: N/A

EVAPORATION RATE TEXT: N/A

SOLUBILITY IN WATER TEXT: A PORTION OF THE MATERIAL DISSOLVES IN WATER.  
THE INSOLUBLE MATERIAL REMAINS AS SUSPENDED SOLIDS.

APPEARANCE: CHOCOLATE COLORED POWDER

PHYSICAL STATE: POW

PHYSICAL STATE TEXT: POWDER

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SECTION 10: STABILITY & REACTIVITY  
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STABILITY INDICATOR: N

STABILITY - CONDITIONS TO AVOID: N/A

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS, ALUMINUM POWDER,  
AMMONIA, AND ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND CARBON DIOXIDE  
WILL BE PRODUCED IF THE MATERIAL BURNS.

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: N/A

HAZARDOUS POLYMERIZATION TEXT: N/A

SECTION 13: DISPOSAL CONSIDERATIONS  
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WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL,  
STATE AND FEDERAL LAWS.

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SECTION 14: TRANSPORT INFORMATION  
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DOT INFORMATION: SID NO. 2 IS NOT AN APPROVED DOT SHIPPING NAME, BUT IS  
GIVEN ONLY TO PROVIDE A CLASSIFICATION FOR MATERIALS IN THE CSIS SYSTEM  
WHICH ARE NOT SUBJECT TO TRANSPORTATION REGULATION, EITHER BY DOT OR  
ANY OTHER AGENCY.

SHIPPING NAME: NON-REGULATED MATERIAL

HAZARD CLASS: Z:NOT SUBJECT TO DOT HAZARDOUS MAT. REGS.

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SECTION 16: OTHER INFORMATION  
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LOCAL EXHAUST: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. VENTILATE  
IF NEEDED TO MAINTAIN THE AIRBORNE DUST CONCENTRATION AT OR BELOW THE  
OSHA PEL FOR NUISANCE DUSTS.

\*\*\* END OF DATA SHEET \*\*\*

