

Manufacturer's Name & Address:  
**TECHNIC, INCORPORATED**  
 Contact: William A. Wilson  
 1 Spectacle Street  
 Cranston, RI 02910

Emergency Telephone Number  
 (401) 781-6100

Chemtrec Toll Free Number:  
 (800) 424-9300

### Section 01 : General Information

Common Name: ACR 434CS LIQUID CONDUCTING SALTS  
 Chemical Name: ELECTROPLATING CONDUCTING SALTS  
 Chemical Family: ORGANIC ACID SALT  
 Chemical Formula: PROPRIETARY  
 Preparation Date: 08/30/91  
 Last Revision Date: 07/22/91  
 Revision Number: 9108A

### Section 02 : Hazardous Ingredients

Section 2A: Hazardous Ingredients			Applicable Exposure Limit	
L/I Chemical & Common Name	CAS-Reg-No	%age	PEL- OSHA	TLV- ACGIH
1. None				

Section 2B: Carcinogenic Ingredients			Reference Source	
L/I Chemical & Common Name	CAS-Reg-No	%age	IARC	OSHA
1. None				

Section 2C: Mutagenic Ingredients			Reference Source	
L/I Chemical & Common Name	CAS-Reg-No	%age	IARC	OSHA
1. None				

Section 2D: Teratogenic Ingredients			Reference Source	
L/I Chemical & Common Name	CAS-Reg-No	%age	IARC	OSHA
1. None				

### Section 03 : Health Hazard Data

Acute Health Effects:  
 N/A

Chronic Health Effects:  
 N/A

#### Routes Of Entry:

##### INHALATION:

Airborne concentrations of dust, mist or spray of this product may cause irritation of the upper respiratory tract.

##### SKIN CONTACT:

This product can be absorbed through the skin and can cause a dermatitic or allergic reaction.

##### EYE CONTACT:

This product can cause an inflammation of the eyes and eye areas.

##### INGESTION:

This product, if swallowed, can cause severe nausea, with very acute side-effects, i.e. gastrointestinal pain.

#### Medical Conditions Aggravated By Exposure:

Ingestion may cause gastrointestinal pain and nausea.

#### Emergency And First Aid Procedures:

**EYES:** The object is to flush material out then seek medical attention as soon as possible. Immediately flush eyes with large amounts of water for at least 15 minutes holding lids open to ensure the cleansing of the entire surface. Washing the eyes within seconds of the accident is essential to achieve maximum effectiveness.

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Ventilation - Local Exhaust:  
Adequate exhaust, to keep mist/dust levels at a minimum.

Ventilation - Special:  
N/A

Protective Gloves:  
N/A

Eye Protection:

Other Protective Equipment:  
N/A

Work Practices:  
N/A

Hygienic Practices:  
N/A

#### Section 08 : Special Precautions

Precautions To Be Taken In Handling & Storage:  
Store in a dry, well ventilated area away from food stores or beverages.

Other Precautions:  
The compound or the chemicals compounded that are used in this formulated product are not regulated as hazardous materials or substances. However, these are chemical substances, and precautionary measures should be taken when handling and using this product.

#### Section 09 : Special Health Precautions

Special Health Precautions:

HEALTH [0]    FLAMMABILITY [0]    REACTIVITY [0]    CONTACT [0]

4-EXTREME  
3-SEVERE  
2-MODERATE  
1-SLIGHT  
0-NO KNOWN HAZAR

NFPA 704M RATING    0-0-0

PRECAUTIONARY LABEL STATEMENTS

NO SIGNIFICANT HEALTH EFFECTS HAVE BEEN REPORTED

DOT SHIPPING INFORMATION    49 CFR 172.101, ET AL  
PROPER SHIPPING NAME: Not regulated  
HAZARD CLASS:    N/A  
I. D. NUMBER    N/A  
DOT LABEL    N/A

TSCA INVENTORY STATUS....All components appear on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

All information, recommendations and suggestions appearing herein concerning this product are based upon data believed to be reliable, however, it is the user's responsibility to determine the safe handling and suitability for his or her use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made as to the effects of such use, the results obtained, or the safety and toxicity of the product nor does the Company per se assume any liability arising out of use, by others, of the product referred to herein. Nor is the information herein to be construed as absolutely complete since more information may be desirable or necessary in particular or exceptional conditions or circumstances exist, or because of applicable laws or government regulations.

Prepared/Revised by: William A. Wilson  
Title: Staff Chemist

03/20/92

Material Safety Data Sheet for Product Code 01-01-11

**SKIN:** Immediately wash contaminated areas with large amounts of water using a mild detergent, so as not to irritate the skin. If there is any sign of skin irritation, a physician should be consulted immediately.

**INGESTION:** If the material is inadvertently swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. If vomiting occurs spontaneously make very sure to keep airway (nose and throat) clear. Seek medical attention immediately.

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**Section 04 : Chemical Data**

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Boiling Point: N/A  
Vapor Pressure: N/A  
Vapor Density: N/A  
Specific Gravity: N/A  
Per Cent Volatile By Volume: N/A  
Evaporation Rate Based On: N/A  
Evaporation Rate: N/A

Solubility (Specify Solvents):  
Completely soluble in water.  
Water based solvent system.

Appearance & Odor:  
Light yellow solution, with no discernible odor.

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**Section 05 : Physical Hazard Data**

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Flash Point: N/A  
Flammable Limits: Non-flammable  
Lel: N/A  
Uel: N/A

Flammability Data:  
N/A

Extinguishing Media:  
N/A

Usual Fire Fighting Procedures:  
N/A

Unusual Fire Fighting Procedures:  
N/A

Incompatibility:  
N/A

Hazardous Decomposition Products:  
N/A

Hazardous Polymerization:  
N/A

Stability:  
N/A

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**Section 06 : Spill Or Leak Procedures**

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Steps To Be Taken In Case Material Is Released Or Spilled:  
Soak up the spill or powder with an inert material. Very small quantities can be flushed to a sewer or drain, as this will pose no threat to the surrounding environment.

Waste Disposal Method:  
Spills in excess of small amounts should not be discarded to a sewer or drain. All large spills should be disposed of in accordance with all State and local regulations. The materials in this product are listed as non-hazardous by EPA, OSHA & DOT, and they will pose no threat to the surrounding environment should they be released in a spill.

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**Section 07 : Exposure Control Information**

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Respiratory Protection: