SCP SCIENCE

Safety Data Sheet

SECTION 1 Identification of Substance/ Preparation and Company/ Undertaking

Product Name:	*Accu**SPEC*** Conductivity standard **84** µS/ cm
Matrix:	Water

Containing Potassium Chloride in water.

Catalogue Number: 250-160-72x

Supplier:	SCP SCIENCE	SCP SCIENCE	SCP SCIENCE
Address:	21 800 Clark-Graham	12 Avenue du Québec	348 Route 11
	Baie d'Urfé, Québec	Bâtiment I-2 SILIC 642	Champlain, NY
	Canada H9X 4B6	91965 Courtaboeuf, France	12919-4816
Phone Number:	(514) 457-0701	33-01-69-18-71-17	(800) 361-6820
Fax Number:	(514) 457-4499	33-01-60-92-05-67	(800) 253-5549

In the event of a transport emergency, call Chemtrec (24 h): 1-703-527-3887
In the event of medical emergency, call your local poison centre or equivalent.

SECTION 2 Hazards Identification

Emergency Overview

GHS

Classification:	This substance is not classified by GHS	**Pictograms:**	

Signal Word: Not applicable

Hazard Statements

Not applicable

Precautionary Statements

Not applicable

SECTION 3 Composition and Information on Ingredients

CAS No.	Chemical Name	Percent	EU-Index No.
7447-40-7	Potassium Chloride	<0.01%	231-211-8
7732-18-5	Water	99-100%	231-791-2

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SECTION 4 First Aid Measures

In case of contact:

Eye:	Flush eyes with plenty of water for at least 15 minutes, holding the eyelids open. Neutral saline may be used as soon as it is available. Do NOT interrupt flushing. If irritation persists, repeat flushing. Get medical aid.

Skin:	Flush skin with plenty of water for at least 30 minutes while removing contaminated clothing and shoes. Do NOT interrupt flushing. If irritation persists, repeat flushing. Get medical aid.
Ingestion:	For a precaution: Never give anything by mouth to an unconscious person. If victim is conscious and alert, rinse mouth with water. Do NOT induce vomiting. Get medical aid.
Inhalation:	Take proper precautions to ensure your own safety before attempting rescue (e.g., wear appropriate protective equipment). If breathing, move person into fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician/Doctor:	**Treat symptomatically and supportively.**

SECTION 5 Fire-fighting Measures

Fire Hazard Summary:

Extinguishing Media:	**Whichever is most appropriate for the surrounding fire. Use flooding quantities of water spray or fog.**
Extinguishing Media to be Avoided:	**---**
Combustion and Thermal Decomposition Products:	---

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION

Health:	0
Flammability:	0
Reactivity:	0
Special Hazard:	

SECTION 6 Accidental Release Measures

Spill Precautions:

Personal precautions: Use personal protective equipment.

Ensure adequate ventilation. Evacuate personnel to safe areas.

Clean-up:

SMALL SPILLS: Soak up spill with absorbent material which does not react with spilled chemical. Put material in suitable, covered, labeled containers. Flush area with large quantities of water. Contaminated absorbent material will pose the same hazards as the spilled product.

LARGE SPILLS: Evacuate area. Contact fire and emergency services and supplier for advice.

SECTION 7 Handling and Storage

Handling:

Use only with adequate ventilation and/or personal protective equipment. Wash thoroughly after using. Avoid contact with skin and eyes. Avoid generating vapors or mists. Avoid contact with all incompatible materials.

Storage:

Store in a tightly closed container in a cool, well ventilated and dry area. Store away from incompatible materials, heated areas, sparks, and flames.

Additional Information:

The mixture is intended for use in a laboratory. The mixture as supplied is stable under normal laboratory conditions.

SECTION 8 Exposure Controls and Personal Protection

EXPOSURE GUIDELINES

NIOSH:	---

ACGIH:	---
OSHA Final PEL:	---

Preventive Measures:

Eye / Face protection:	Eye-wash station in proximity. Avoid contact with skin and eyes.
Skin protection:	Wear suitable clothing and gloves. Refer to OSHA's protection regulations in 29 CFR 1910.133 or European Standard EN166.
Inhalation / Ventilation:	Use in a chemical fume hood.
Personal Hygiene:	Do not eat or drink in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Appropriate Engineering Controls:	Use laboratory fumehoods in case of insufficient ventilation.

SECTION 9 Physical and Chemical Properties

Form:	Aqueous Liquid	**Melting/Freezing Point:**	c. 0 °C
Color:	Colorless	**Boiling Point:**	c. 100 °C
Odor:	Odorless		
Odor Threshold:		**pH:**	c. 7.0
Solubility:	soluble in water	**Density:** (@ 20 °C)	c. 1.00 g/mL
Vapor Density:	Not Available	**Viscosity:** (@ 20 °C)	Not Available

SECTION 10 Stability and Reactivity

Chemical stability:	Stable at room temperature and conditions of use.
Incompatible Materials:	---
Conditions to avoid:	Excessive temperature.
Hazardous Decomposition Products:	---
Hazardous Polymerization:	---

SECTION 11 Toxicological Information

Potential Health Effects

Eye:	May cause irritation of the eyes.
Skin:	None expected.
Ingestion:	Effects of the ingestion of potassium chloride are usually mild provided renal function is adequate.
Inhalation:	None expected.

Effects of Long-Term (Chronic) Exposure

LD50/LC50:	---
Respiratory or skin sensitization:	No information found.
Germ Cell Mutagenicity:	No component of this product at levels greater than 0.1% is classified as a mutagen.
Reproductive Toxicity:	No component of this product at levels greater than 0.1% is classified for reproductive toxicity.
STOT- Single exposure	No definitive information available on target organs toxicity, single exposure.
STOT- Repeated exposure	No definitive information available on target organs toxicity, repeated exposure.
Aspiration Hazard:	No information found.
Carcinogenicity:	Not listed as a carcinogen by NTP, or CA Prop 65.
	Component of this preparation listed in the National Toxicology Program ARC (12th Report on carcinogens): None.
	Component of this preparation appearing in the list (June 22, 2012) of chemicals known to the state of California to cause cancer or reproductive toxicity: None.
Signs and symptoms of exposure:	
Skin:	None expected.
Eye:	May cause irritation of the eyes.
Ingestion:	Effects of the ingestion of potassium chloride are usually mild provided renal function is adequate.
Inhalation:	None expected.

SECTION 12 Ecological Information

Eco- toxicity: no information about this preparation is available.

Mobility in soil: no information about this preparation is available.

Persistance and degradability: no information about this preparation is available.

Bioaccumulative potential: no information about this preparation is available.

SECTION 13 Disposal Considerations

Product disposal:

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material, run off and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authoriry requirements. Contact a licensed professional waste disposal service to dispose of this material.

Review federal, provincial and local government requirements prior to disposal. Store material for disposal as indicated in Storage Conditions.

Contaminated packaging: Dispose of as unused product.

SECTION 14 Transport Information

IDMG (sea): Not Regulated As A Hazardous Material Or Dangerous Goods For Transportation By This Agency.

UN-Number:	Not Applicable	**Class:**	Not Applicable

Packing group:	Not Applicable
Proper shipping name:	Not Applicable
Marine pollutant:	Not Applicable

ADR/DOT (road): Not Regulated As A Hazardous Material Or Dangerous Goods For Transportation By This Agency.

UN-Number:	Not Applicable	**Class:**	Not Applicable
Packing group:	Not Applicable		
Proper shipping name:			
Marine pollutant:	Not Applicable		

ICAO/IATA (air): Not Regulated As A Hazardous Material Or Dangerous Goods For Transportation By This Agency.

UN-Number:	Not Applicable	**Class:**	Not Applicable
Packing group:	Not Applicable		
Proper shipping name:	Not Applicable		
Marine pollutant:	Not Applicable		

SECTION 15 Regulatory Information

US Federal:	
TSCA	Not Listed on the TSCA Inventory.
US State:	
California Prop. 65	See Section 11.
Canada	
WHMIS Classifications:	Not Applicable
	Not Applicable
EU	
Classifications:	Not Applicable
Risk Phrase(s):	Not Applicable
Safety Phrase(s):	Not Applicable

SECTION 16 Other Information

Revised:	March 03, 2015
Date of previous revision (s):	Not Applicable
Details of revision (s):	Not Applicable

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