

POTASSIUM CHROMATE 5%W/V

SECTION 1: PRODUCT IDENTIFICATION

Product Name: POTASSIUM CHROMATE 5% W/V

Product Code: TR 114

CAS#: Not available

CI#: Not available

Synonym: Not available

Chemical Name: POTASSIUM CHROMATE 5%W/V

Chemical Formula: Not available

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

Name: Potassium Chromate , Silver nitrate and Water

Toxicological Data on Ingredients: Not available

SECTION 3: HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008

Skin irritation (Category 2), H315

Eye irritation (Category 1), H318

Respiratory Sensitizer (Category 1), H334

Skin sensitization (Category 1), H317

Germ cell mutagenicity (Category 1), H340

Carcinogenicity (Category 1A), H350

Hazardous to the aquatic environment-Acute hazard (Category 2), H401

Hazardous to the aquatic environment-Chronic hazard (Category 2), H401 Flammable liquids (Category 2), H225 Serious eye damage (Category 1), H318 Skin sensitization (Category 1), H317

Potential Acute Health Effects: May cause an allergic skin reaction. Causes serious eye damage

Carcinogenic Effects: May cause cancer.

Mutagenic Effects: May cause genetic defects.

Teratogenic Effects: Not available

Developmental Toxicity: Not available

SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Warm water must be used. Get medical attention if irritation occurs .

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available

Inhalation: After inhalation: fresh air. '

Serious Inhalation: Not available

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available



SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture: Not combustible. Fire may cause evolution of: Hydrogen chloride gas Ambient fire may liberate hazardous vapours.

Advice for firefighters: In the event of fire, wear self-contained breathing apparatus.

Further information: Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.

Environmental precautions : Do not let product enter drains.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Avoid breathing dust, fume, gas, mist, vapours, spray. Obtain special instructions before use. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapour.

Storage conditions : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

Storage class Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

Personal Protection in Case of a Large Spill: Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance Form	: A lemon yellow coloured clear liquid
Odour	: Not Available
Taste	: Not Available
Molecular Weight	: Not Available
Colour	: Not Available
pH	: 9.5 – 10.0
Boiling Point	: Not Available

Melting Point	: Not Available
Critical Temperature	: Not Available
Relative Density	: Not Available
Vapor Pressure	: Not Available
Volatility	: Not Available
Odor Threshold	: Not Available
Water/Oil Dist. Coeff.	: Not Available
Ionicity (in Water)	: Not Available
Dispersion Properties	: Not Available
Solubility	: Not Available

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Stable under recommended storage conditions.

Instability Temperature: Not available

Conditions of Instability: Not Available

Incompatibility with various substances: Reducing Agents, organic compounds.

Corrosivity: Not Available

Special Remarks on Reactivity: Not Available

Special Remarks on Corrosivity: Not Available

Polymerization: Not Available

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity to Animals:

Acute toxicity: Not Available

Serious eye damage/eye irritation Mixture causes serious eye irritation.

LD₅₀: - Rat - 118 mg/kg

LC₅₀: Not Available

Chronic Effects on Humans: Not Available

Other Toxic Effects on Humans: Not Available

Special Remarks on Toxicity to Animals: Eye irritation.

Special Remarks on Chronic Effects on Humans: Not Available

Special Remarks on other Toxic Effects on Humans: Not Available

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity: Not available

BOD and COD: Not available

Products of Biodegradation: Not Available

Toxicity of the Products of Biodegradation: Not available

Special Remarks on the Products of Biodegradation: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

UN number

ADR/RID:

IMDG:

IATA:



UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class(es)

ADR/RID:

IMDG:

IATA:

Packaging group

ADR/RID:

IMDG:

IATA:

Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

Special precautions for user

Not Available

SECTION 15: OTHER REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Other regulations: Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.

SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H340 May cause genetic defects.

H350 May cause cancer.

H401 Toxic to aquatic life.

Other Special Considerations: Not available

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