

## SAFETY DATA SHEET

## 1. Identification

Product identifier POTASSIUM DICHROMATE, CERTIFIED

Other means of identification

Product code 78

**CAS number** 7778-50-9

Synonyms POTASSIUM BICHROMATE

**Recommended use** professional, scientific and technical activities: other professional, scientific and technical activities

**Recommended restrictions** None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

**Company name**Address
P.O. Box 245
Powell, OH 43065

United States

**Telephone** Phone 740-881-5501

Toll Free 800-858-9682 Fax 740-881-5989

Website www.gfschemicals.com
E-mail service@gfschemicals.com

Emergency phone Emergency Assistance

number

## 2. Hazard(s) identification

**Physical hazards** Oxidizing solids Category 2 **Health hazards** Acute toxicity, oral Category 2 Acute toxicity, dermal Category 3 Acute toxicity, inhalation Category 1 Skin corrosion/irritation Category 1 Serious eye damage/eye irritation Category 1 Sensitization, respiratory Category 1 Sensitization, skin Category 1A Germ cell mutagenicity Category 1

Germ cell mutagenicity

Category 1

Carcinogenicity

Category 1A

Reproductive toxicity

Category 1

Specific target organ toxicity, single exposure Category 3 respiratory tract irritation

Category 1

Chemtrec 800-424-9300

Specific target organ toxicity, repeated

exposure

Hazardous to the aquatic environment, acute Category 1

hazard

Hazardous to the aquatic environment, Category 1

long-term hazard

**OSHA defined hazards** Not classified.

**Label elements** 

**Environmental hazards** 



Signal word Danger

Material name: POTASSIUM DICHROMATE, CERTIFIED

78 Version #: 02 Revision date: June-20-2017 Issue date: May-21-2013 1 / 9

#### **Hazard statement**

May intensify fire; oxidizer. Fatal if swallowed. Toxic in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Fatal if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

#### **Precautionary statement**

**Prevention** 

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat. Keep/Store away from clothing/combustible materials. Take any precaution to avoid mixing with combustibles. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.

#### Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Take off immediately all contaminated clothing and wash it before reuse. In case of fire: Use appropriate

Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Hazard(s) not otherwise classified (HNOC)

None known.

**Supplemental information** 

None.

## 3. Composition/information on ingredients

#### **Substances**

Chemical name	Common name and synonyms	CAS number	%
POTASSIUM DICHROMATE	POTASSIUM BICHROMATE	7778-50-9	100

<sup>\*</sup>Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

media to extinguish. Collect spillage.

#### 4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately.

Skin contact

IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Remove contaminated clothing immediately and wash skin with soap and water. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

**Eye contact** 

Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

**Ingestion** 

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Most important symptoms/effects, acute and delayed

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Difficulty in breathing. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

**General information** 

Take off immediately all contaminated clothing. Contact with combustible material may cause fire. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

Material name: POTASSIUM DICHROMATE, CERTIFIED

78 Version #: 02 Revision date: June-20-2017 Issue date: May-21-2013 2 / 9

## 5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Special protective equipment

None known. Greatly increases the burning rate of combustible materials. Containers may explode when heated. During fire, gases hazardous to health may be formed.

and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Wear

Fire fighting equipment/instructions In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.

**Specific methods General fire hazards**  Cool containers exposed to flames with water until well after the fire is out. May intensify fire; oxidizer. Contact with combustible material may cause fire.

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep away from clothing and other combustible materials. Wear appropriate protective equipment and clothing during clean-up. Do not breathe dust. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water. Prevent entry into waterways, sewers, basements or confined areas. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Ventilate the contaminated area. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Minimize dust generation and accumulation. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Collect dust using a vacuum cleaner equipped with HEPA filter. Wear appropriate protective equipment and clothing during clean-up. This product is miscible in water. Should not be released into the environment. Collect dust or particulates using a vacuum cleaner with a HEPA filter. Prevent product from entering drains. Clean up in accordance with all applicable regulations.

Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. This material and its container must be disposed of as hazardous waste. Following product recovery, flush area with water.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

## **Environmental precautions**

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

## **Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from heat. Take any precaution to avoid mixing with combustibles. Keep away from clothing and other combustible materials. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Do not store near combustible materials. Store away from incompatible materials (see Section 10 of the SDS).

Material name: POTASSIUM DICHROMATE, CERTIFIED 78 Version #: 02 3/9

## 8. Exposure controls/personal protection

#### **Occupational exposure limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US OSHA Specifically	Pogulated Substances	(20 CED 1010 1001-10E0)
US. USHA SDECITICALLY	v Requiated Substances	(29 CFR 1910.1001-1050)

Material	Туре	Value	
POTASSIUM DICHROMATE (CAS 7778-50-9)	TWA	0.005 mg/m3	
US. OSHA Table Z-2 (29 CFR 191	LO.1000)		
Material	Туре	Value	
POTASSIUM DICHROMATE (CAS 7778-50-9)	Ceiling	0.1 mg/m3	
US. ACGIH Threshold Limit Valu Material	es Type	Value	
	.,,,,	Tuiu0	
POTASSIUM DICHROMATE (CAS 7778-50-9)	TWA	0.05 mg/m3	
US. NIOSH: Pocket Guide to Che	emical Hazards		
Material	Туре	Value	
POTASSIUM DICHROMATE	TWA	0.001 mg/m3	

# (CAS 7778-50-9) **Biological limit values**

Material	Value	Determinant	Specimen	Sampling Time
POTASSIUM DICHROMATE (CAS 7778-50-9)	25 μg/l	Total chromium	Urine	*
,	10 μg/l	Total chromium	Urine	*

<sup>\* -</sup> For sampling details, please see the source document.

## Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. Eye wash facilities and emergency shower must be available when handling this product. An eye wash and safety shower must be available in the immediate work area.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

Skin protection

**Hand protection** Wear appropriate chemical resistant gloves. Frequent change is advisable.

**Other** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection** Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels

exceeding the exposure limits. Wear respirator if there is dust formation.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. Keep from contact with clothing and other combustible materials. Remove and wash contaminated clothing promptly. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

### 9. Physical and chemical properties

**Appearance** 

Physical state Solid.

Form Crystalline powder.
Color Red-orange.
Odor Odorless.
Odor threshold Not available.

Material name: POTASSIUM DICHROMATE, CERTIFIED

78 Version #: 02 Revision date: June-20-2017 Issue date: May-21-2013 4 / 9

pΗ 3.6 - 4 1% Aqueous solution has pH of 4.04 and a 10% soln has a pH of 3.57

Melting point/freezing point 748.4 °F (398 °C) Initial boiling point and

boiling range

Not available.

Not available. Flash point Not available. **Evaporation rate** Flammability (solid, gas) Not available. Upper/lower flammability or explosive limits

Flammability limit - lower Not available.

(%)

Flammability limit -

upper (%)

Not available.

**Explosive limit - lower** 

(%)

Not available.

**Explosive limit - upper** 

(%)

Not available.

Vapor pressure Not available. Vapor density Not available. Relative density Not available.

Solubility(ies)

490 q/l at 0 °C Solubility (water) **Partition coefficient** Not available.

(n-octanol/water)

Not available. **Auto-ignition temperature Decomposition temperature** 932 °F (500 °C) Viscosity Not available.

Other information

**Density** 2.68 g/cm3 estimated at 25 °C

**Explosive properties** Not explosive. **Molecular formula** K2Cr2O7 Molecular weight 294.18 g/mol

**Oxidizing properties** May intensify fire; oxidizer.

Specific gravity 2.68 at 25 °C

## 10. Stability and reactivity

Reactivity Greatly increases the burning rate of combustible materials.

**Chemical stability** Stable at normal conditions.

Possibility of hazardous

reactions

Hazardous polymerization does not occur.

**Conditions to avoid** Heat. Contact with incompatible materials.

**Incompatible materials** Combustible material. Reducing agents. Alcohols. Reducing agents Organic solvents.

**Hazardous decomposition** 

products

Chromium oxides

#### 11. Toxicological information

## Information on likely routes of exposure

**Inhalation** Fatal if inhaled. May cause damage to organs through prolonged or repeated exposure by

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

Skin contact Toxic in contact with skin. Causes severe skin burns. May cause an allergic skin reaction.

**Eve contact** Causes serious eye damage.

Ingestion Fatal if swallowed. Causes digestive tract burns.

Symptoms related to the physical, chemical and toxicological characteristics Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Dusts may irritate the respiratory tract, skin and eyes. Difficulty in

breathing.

#### Information on toxicological effects

Fatal if inhaled. Fatal if swallowed. Toxic in contact with skin. **Acute toxicity** 

78 Version #: 02 Revision date: June-20-2017 Issue date: May-21-2013 5/9

Material name: POTASSIUM DICHROMATE, CERTIFIED

Product Species Test Results

POTASSIUM DICHROMATE (CAS 7778-50-9)

Acute Dermal

LD50 New Zealand rabbit 403 - 490 mg/kg

**Inhalation** 

LC50 Fischer 344 rat 0.035 mg/l, 4 Hours

0.029 mg/l, 4 Hours

Oral

LD50 Mouse 190 mg/kg

Rat 17 - 26 mg/kg

Other

LD50 Mouse 37 mg/kg

**Skin corrosion/irritation** Causes severe skin burns and eye damage.

Serious eye damage/eye

Causes serious eye damage.

irritation

Respiratory or skin sensitization

**Respiratory sensitization** May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Skin sensitization** May cause an allergic skin reaction.

**Germ cell mutagenicity** May cause genetic defects.

**Carcinogenicity** May cause cancer. Confirmed Human Carcinogen

IARC Monographs. Overall Evaluation of Carcinogenicity

POTASSIUM DICHROMATE (CAS 7778-50-9) 1 Carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

POTASSIUM DICHROMATE (CAS 7778-50-9) Known To Be Human Carcinogen.

**Reproductive toxicity** May damage fertility or the unborn child.

Specific target organ toxicity

- single exposure

May cause respiratory irritation.

Specific target organ toxicity

- repeated exposure

Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

Product Species Test Results

POTASSIUM DICHROMATE (CAS 7778-50-9)

**Aquatic** 

Crustacea EC50 Water flea (Moina australiensis) 0.0202 - 0.0282 mg/l, 48 hours
Fish LC50 Fathead minnow (Pimephales promelas) 15.41 - 30.36 mg/l, 96 hours

Persistence and degradabilityNone known.Bioaccumulative potentialNo data available.Mobility in soilNo data available.

**Other adverse effects**No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

78 Version #: 02 Revision date: June-20-2017 Issue date: May-21-2013 6 / 9

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this

material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with

chemical or used container. Dispose of contents/container in accordance with

local/regional/national/international regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

D007: Waste Chromium

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product

residues. This material and its container must be disposed of in a safe manner (see: Disposal

instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

## 14. Transport information

DOT

**UN** number UN3288

**UN proper shipping name** Toxic solid, inorganic, n.o.s. (POTASSIUM DICHROMATE RQ = 10 LBS)

Transport hazard class(es)

Class 6.1(PGI, II)

**Subsidiary risk** Label(s) 6.1 **Packing group** ΙΙ

Special precautions for

user

Read safety instructions, SDS and emergency procedures before handling.

Special provisions IB8, IP2, IP4, T3, TP33

**Packaging exceptions** 153 Packaging non bulk 212 **Packaging bulk** 242

**IATA** 

**UN number** UN3288

**UN proper shipping name** Toxic solid, inorganic, n.o.s. (POTASSIUM DICHROMATE)

Transport hazard class(es)

Class 6.1(PGI, II)

**Subsidiary risk Packing group** ΙΙ **Environmental hazards** No. **ERG Code** 61

Special precautions for

user Other information Read safety instructions, SDS and emergency procedures before handling.

Passenger and cargo

aircraft

Allowed with restrictions.

Cargo aircraft only

Allowed with restrictions.

**IMDG** 

**UN number** UN3288

**UN proper shipping name** TOXIC SOLID, INORGANIC, N.O.S. (POTASSIUM DICHROMATE)

Transport hazard class(es)

Class 6.1(PGI, II)

**Subsidiary risk Packing group** ΙΙ **Environmental hazards** 

Marine pollutant No. F-A, S-A **EmS** 

Special precautions for Read safety instructions, SDS and emergency procedures before handling.

user

Transport in bulk according to

**Annex II of MARPOL 73/78** 

and the IBC Code

Not applicable.

78 Version #: 02 Revision date: June-20-2017 Issue date: May-21-2013 7/9

Material name: POTASSIUM DICHROMATE, CERTIFIED



#### **IATA**



## 15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard,

29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

POTASSIUM DICHROMATE (CAS 7778-50-9) 0.1 % Annual Export Notification required.

**CERCLA Hazardous Substance List (40 CFR 302.4)** 

POTASSIUM DICHROMATE (CAS 7778-50-9) Listed.

**SARA 304 Emergency release notification** 

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes

Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312** Yes

**Hazardous chemical** 

SARA 313 (TRI reporting)

Chemical nameCAS number% by wt.POTASSIUM DICHROMATE7778-50-9100

#### Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

POTASSIUM DICHROMATE (CAS 7778-50-9)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Clean Water Act (CWA)
Section 112(r) (40 CFR
68.130)
Hazardous substance
Priority pollutant
Toxic pollutant
0.1 mg/l

(SDWA) Water Act 0.1 mg/l 0.1 mg/l

**US state regulations** WARNING: This product contains a chemical known to the State of California to cause cancer and

birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

POTASSIUM DICHROMATE (CAS 7778-50-9) Listed: February 27, 1987

US - California Proposition 65 - CRT: Listed date/Developmental toxin

POTASSIUM DICHROMATE (CAS 7778-50-9) Listed: December 19, 2008

Material name: POTASSIUM DICHROMATE, CERTIFIED

78 Version #: 02 Revision date: June-20-2017 Issue date: May-21-2013 8 / 9

#### US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

POTASSIUM DICHROMATE (CAS 7778-50-9) Listed: December 19, 2008

#### US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

**Inventory name** 

POTASSIUM DICHROMATE (CAS 7778-50-9) Listed: December 19, 2008

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

POTASSIUM DICHROMATE (CAS 7778-50-9)

#### **International Inventories**

Country(s) or region

Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other information, including date of preparation or last revision

**Issue date** May-21-2013 **Revision date** June-20-2017

Material name: POTASSIUM DICHROMATE, CERTIFIED

Version # 02

**Disclaimer** The information given is designed only as a quidance for safe handling, use, processing, storage

transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. GFS Chemicals, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in

On inventory (yes/no)\*

the sheet was written based on the best knowledge and experience currently available.

**Revision information** This document has undergone significant changes and should be reviewed in its entirety.

78 Version #: 02 Revision date: June-20-2017 Issue date: May-21-2013 9 / 9

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).