

SAFETY DATA SHEET

HYDROCHROME EXTREME ACTIVATOR

Issued on 09/06/2010 - Rev. n. 5 on 16/02/2022

Cod. Activator

In conformity to Regulation (EC) No 453/2010 of 20 May 2010

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product code: Activator

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use: Activator

Uses advised against: Do not use for purposes other than those listed.

1.3. Details of the supplier of the safety data sheet

Company name: CREATIVE PAINT LTD

24/6 DRYDEN ROAD
BILSTON GLEN IND. EST.
LOANHEAD
MIDLOTHIAN
EH20 9HX

Email: Hello@creativepaints.co.uk

1.4. Emergency telephone number

Tel: 0131 440 9804(Emergency only. Working hours)

IPCS:

http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/index.html

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CAS 123-86-4 CEE 607-025-00-1 EINECS 204-658-1 REACH 01-2119485493-29

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms: GHS05, GHS07

Hazard Class and Category Code(s): Skin Corr. 1B, Skin Irrit. 2, Eye Irrit. 2

Hazard statement Code(s):
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.

2.1.2 Classification according to Directive 1999/45/EEC:

Classification: C; R34

Nature of special risks attributed: R34 - Causes burns.

Corrosive product: causes severe skin burns and eye damage.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours, if brought into contact with skin, it causes significant inflammation with erythema, scabs, or edema

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram, Signal Word Code(s): GHS05
Danger



Hazard statement Code(s): H314 - Causes severe skin burns and eye damage.

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H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

Precautionary statements:

Prevention: P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response: P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
P310 - Immediately call a POISON CENTER or doctor/physician.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P363 - Wash contaminated clothing before reuse.

Storage: P405 - Store locked up.

Contains: Tin chloride dihydrate, Potassium hydroxide

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII
No information on other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures.

Substance	Conc. %	Classification	Classification	Identification Number		REACH
		Dir 67/548	Reg 1272/08			
Tin chloride dihydrate	5 ÷ 10	C; R34 Xn; R22	Skin Corr. 1B, H314 Acute Tox. 4, H302;	CEE: CAS: EINECS:	- 10025-69-1 -	ND
Potassium hydroxide	0.1 ÷ 1	C; R35 Xn; R22	Skin Corr. 1A, H314 Acute Tox. 4, H302;	CEE: CAS: EINECS:	019-002-00-8 1310-58-3 215-181-3	01-2119487136-33

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well-ventilated room. CALL A PHYSICIAN.

Direct contact with skin (of the pure product):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

Consult a physician immediately

Direct contact with eyes (of the pure product):

D Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Absolutely do not induce vomiting or emesis. Seek medical advice immediately.

4.2. Most important symptoms and effects, both acute and delayed

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No data available.

4.3. Indication of any immediate medical attention and special treatment needed

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Immediately call a POISON CENTER or doctor/physician.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO₂, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use a self respirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Wear mask, gloves and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.

Discharge the remains in compliance with the regulations.

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

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Avoid contact and inhalation of vapours. See also paragraph 8 below.

At work do not eat or drink.

Do not smoke at work.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabelled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

7.3. Specific end use(s)

Professional uses:

Follow the rules of good hygiene in the workplace.






8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Substance	TLV-TWA	TLV-STEL	OTHER
Tin oxides and inorganic compounds	2mg/m ³ (ACGIH 1992)	-	-
Potassium hydroxide	-	-	TLV- Ceiling =2mg/m ³ (ACGIH 2000)

8.2. Exposure controls

Individual protection measures:

Eye / face protection:	When handling the pure product use safety glasses (spectacles cage) (EN 166).	
Skin protection:	When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)	
Other:	When handling the pure product wear full protective skin clothing.	
Respiratory protection:	Needed in case of insufficient ventilation or prolonged exposure. Use adequate protective respiratory equipment (EN 141)	
Other:	Safety shoes.	
Thermal hazards:	No hazard to report	

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value
Appearance	Liquid
Odour	Characteristic

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Odour threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	>60°C
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	Not determined
Solubility	Not determined
Water solubility	Soluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

9.2. Other information

Content of VOC: 0%

10. STABILITY AND REACTIVITY

10.1. Reactivity

No reactivity hazards.

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions.

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, inorganic sulfide, strong reducing agents.
It can generate toxic gases to contact with inorganic sulfide, strong reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

ATE(mix) oral = 6493.5 mg/kg

ATE(mix) dermal = 0.0 mg/kg

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ATE(mix) inhal = 0.0 mg/l/4 h

(a) acute toxicity	Not applicable
(b) skin corrosion/irritation	Corrosive product: causes severe skin burns and eye damage. - If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema. <u>Tin chloride dihydrate</u> : Corrosive <u>Tin chloride dihydrate</u> : Irritant (rabbit, 4h) <u>Potassium hydroxide</u> : The substance is highly corrosive to the respiratory tract. Corrosive if swallowed. Inhaling an aerosol of this substance can cause pulmonary edema.
(c) serious eye damage/irritation	If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours. <u>Tin chloride dihydrate</u> : Severe irritation (rabbit 4h) <u>Potassium hydroxide</u> : Very corrosive. <u>Tin chloride dihydrate</u> : Severe irritation (rabbit 4h)
(d) respiratory or skin sensitization	<u>Tin chloride dihydrate</u> : Repeated or prolonged exposure may cause allergic reactions in some sensitive individuals.
(e) germ cell mutagenicity	Not applicable
(f) carcinogenicity	Not applicable
(g) reproductive toxicity	<u>Tin chloride dihydrate</u> : Toxic for reproduction-rat-oral Effects on female reproductive apparatus: other effects effects on mortality, and fertility: post-plant (death and/or implant resorption for total number of implants. Effects on the embryo or fetus: fetal death Development-toxic: rat-oral Developmental abnormalities: craneo-facial (including nose and tongue)
(h) specific target organ toxicity (STOT) single exposure	Not applicable
(i) specific target organ toxicity (STOT) repeated exposure	<u>Potassium hydroxide</u> : Repeated or prolonged contact with skin may cause dermatitis.
(j) aspiration hazard	<u>Potassium hydroxide</u> : The substance can be absorbed into the body by inhalation of its aerosol and by ingestion. Evaporation at 20°C negligible; a harmful concentration of aereodisperse particles can, however, be reached quickly.

Related to contained substances:

Tin chloride dihydrate

The product seriously harms the mucous membranes and upper respiratory tract and the eyes and skin.

Inhalation may cause the following symptoms: spasm, inflammation and edema of the larynx, pulmonary edema, aspiration or inhalation can cause chemical Pneumonitis.

Acute symptoms from overexposure: burning sensation, cough, asthma, headaches, Nausea, vomiting.

Contact with eyes or skin may cause: burn

If ingested, this product may cause burns pi or less serious side to the mouth, throat and digestive tract, difficulty swallowing, nausea and vomiting followed by diarrhea and respiratory problems.

Potassium hydroxide

ACUTE HAZARDS/SYMPTOMS:

Inhalation: Corrosive. Burning sensation. Sore throat. Cough. Difficulty in breathing. Shortness of breath. Symptoms may be delayed (see notes).

SKIN: Irritant. Redness. Pain. Blisters. Severe skin burns.

EYES: Corrosive. Redness. Pain. Blurred vision. Severe deep burns.

Ingestion: Corrosive. Abdominal pain. Burning sensation. Shock or collapse.

NOTE. The exposure limit value must not be exceeded in any moment of exposure. Symptoms of lung oedema often do not occur before a few hours and are aggravated by physical effort. Are therefore essential rest and medical observation.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Related to contained substances:

Tin chloride dihydrate

C(E)L50 (mg/l) = 700

Potassium hydroxide

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This substance can be dangerous for the environment; Special attention must be paid to aquatic organisms.

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects

No adverse effects

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

14. TRANSPORT INFORMATION

14.1 UN number

3066

If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 5 L per package 30 Kg

Inner packagings placed in skrink-wrapped or stretch-wrapped trays: per inner packaging 5 L per package 20 Kg



14.2 UN proper shipping name

PAINT or PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

Class : 8

Label : 8

Tunnel restriction code : E

Limited quantities : 5 L

EmS : F-A, S-B

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14.4 Packing group

III

14.5. Environmental hazards

Product is not environmentally hazardous

Marine polluting agent: Not

14.6. Special precautions for user

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.

The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with this dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Reg (EC) n. 1907/2006 (REACH), Reg (EC) n. 1272/2008 (CLP), Reg (EC) n. 453/2010 (Requirements for the compilation of safety data sheets), Reg (E) n.790/2009, Dir 96/82/EC as amended.

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

16. OTHER INFORMATION

16.1. Other information

Description of the sentences of risk set out in paragraph 3

R22 = Harmful if swallowed.

R34 = Causes burns.

R35 = Causes severe burns.

Description of the hazard statements exposed to point 3

H302 = Harmful if swallowed.

H314 = Causes severe skin burns and eye damage.

Regulatory information:

Dir 67/548 29° Amendment

Dir 1999/45/EC e s.a.a.

Dir 2001/60/EC

Reg 1907/2006 EC

Reg 1272/2008 EC

Reg 453/2010 EC

NOTICE TO USERS:

The information contained herein is based on the knowledge available at the date of completion relating to requirements for safety, health, environmental protection and proper use of the product. The user must be aware of the possible risks associated with use of the product other than that for which the product is shipped. The card is not in any way excuse the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfil its obligations regarding the use of hazardous products. This does not exonerate the user from ensuring that legal obligations other than those mentioned and regulated, the possession and use of the product is solely responsible.

*** This sheet supersedes all previous editions.