

SAFETY DATA SHEET

HYDROCHROME EXTREME T311

Issued on 07/07/2013 - Rev. n. 5 on 16/02/2022

Cod. T311

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: T311

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

Use: Universal solvent thinner for B311.
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: GHS02, GHS07
Hazard Class and Category Code(s): Flam. Liq. 3, STOT SE 3
Hazard statement Code(s): H226 - Flammable liquid and vapour.
H336 - May cause drowsiness or dizziness.

2.1.2 Classification according to Directive 1999/45/EEC:

Classification: R10 R66 R67
Nature of special risks attributed: R10 - Flammable.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

The product is a liquid that ignites at temperatures above 21 °C if it exposed to an ignition source.

Warning: Vapours inhalation may cause sleepiness and giddiness

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram, Signal Word Code(s): GHS02
GHS07
Warning



Hazard statement Code(s): H226 - Flammable liquid and vapour.

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H336 - May cause drowsiness or dizziness.

Supplemental Hazard statement Code(s): EUH066 - Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

Prevention: P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P271 - Use only outdoors or in a well-ventilated area.

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

Response: 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.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

Storage: P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

Contains: n-butyl acetate

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		REACH
		Dir 67/548	Reg 1272/08	Number		
n-butyl acetate	100%	R10 R66 R67	Flam. Liq. 3, H226; STOT SE 3, H336	CEE: CAS: EINECS:	607-025-00-1 123-86-4 204-658-1	01-2119485493-29

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.

Direct contact with eyes (of the pure product):

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

Ingestion:

Give liquid paraffin mineral product, do not give milk or animal / vegetal fat in general.

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

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

No data available.

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

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Call a POISON CENTER or doctor/physician if you feel unwell.

5. FIREFIGHTING MEASURES

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5.1. Extinguishing media

Advised extinguishing agents:

In the case of fire use CO₂ or dry powder extinguishers.

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 selfrespirator, 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

Avoid contact and inhalation of vapors. 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)

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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
n-butyl acetate	150ppm, 73mg/m ³ (ACGIH 1995)	200ppm, 950mg/m ³ (ACGIH 1995)	MAK: 100 ppm, 480 mg / m ³ Peak limitation category: I (2) Pregnancy risk group: C (DFG 2003).

8.2. Exposure controlsIndividual 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	Fruit
Odour threshold	33,1 mg/m ³
pH	Not determined
Melting point/freezing point	-78°C
Initial boiling point and boiling range	126°C
Flash point	25°C
Evaporation rate	Not determined
Flammability (solid, gas)	Irrelevant
Upper/lower flammability or explosive limits	1.2-7.6%

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Vapour pressure	1.2 kPa (20°C)
Vapour density	4.0
Relative density	0.88
Solubility	Soluble in many organic solvents and most hydrocarbons
Water solubility	1.4 g/100ml (20°C)
Partition coefficient: n-octanol/water	log Pow: 1.82
Auto-ignition temperature	420°C
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

9.2. Other information

Content of VOC: 100%

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

Avoid contact with combustible materials. The product could catch fire.
Heat, open flames, sparks or hot surfaces.

10.5. Incompatible materials

It can generate flammable gases in contact with dithiocarbamates, primary metals, nitrides, strong reducing agents.
It can generate toxic gases to contact with ditiocarbamate, organic fluoride, inorganic sulfide, strong oxidants agents.
It can ignite in contact with elementary metals.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

11. TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

(a) acute toxicity	The substance may cause effects on the central nervous system. Much greater exposure to the OEL may result in attenuation of vigilance.
(b) skin corrosion/irritation	Not applicable
(c) serious eye damage/irritation	The substance irritates the eyes.
(d) respiratory or skin sensitization	Not applicable
(e) germ cell mutagenicity	Not applicable
(f) carcinogenicity	Not applicable
(g) reproductive toxicity	Not applicable
(h) specific target organ toxicity (STOT) single	Warning: Vapours inhalation may cause sleepiness and giddiness.

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exposure	
(i) specific target organ toxicity (STOT) repeated exposure	The liquid has power degreaser for the skin.
(j) aspiration hazard	The substance can be absorbed into the body by inhalation of its fumes. A harmful contamination of the air will be reached quite slowly due to evaporation of the substance at 20 C. The substance irritates the respiratory tract.

Related to contained substances:

n-butyl acetate

ACUTE HAZARDS/SYMPTOMS;
INHALATION. Cough. Sore throat. Vertigo. Headaches.
CUTE. Dry scalp.
EYES. Redness. Pain.
INGESTION. Nausea.
LD50 (rat) Oral (mg/kg body weight) = 10000
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000
CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 160

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Related to contained substances:

n-butyl acetate

The substance is harmful to aquatic organisms.

C(E)L50 (mg/l) = 62

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

12.2. Persistence and degradability

Related to contained substances:

n-butyl acetate

The anhydrous substance is stable under normal conditions. Does not undergo photolysis, hydrolysis in moist soil alkaline, not acidic or neutral. If released to soil, can degrade, if released into the water it is expected that biodegradation is significant.

12.3. Bioaccumulative potential

Relativi alle sostanze contenute:

n-butyl acetate

Low potential for bioconcentration.

Partition coefficient = 2.3

12.4. Mobility in soil

Relativi alle sostanze contenute:

n-butyl acetate

Moderate mobility in soil. Evaporate from dry surfaces, wet and water. Not adsorb to sediment and suspended solids. In the atmosphere exists in the vapor phase..

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

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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

1123

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

BUTYL ACETATES

14.3 Transport hazard class(es)

Class : 3

Label : 3

Tunnel restriction code : D/E

Limited quantities : 5 L

EmS : F-E, S-D

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

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R10 = Flammable.

R66 = Repeated exposure may cause skin dryness or cracking.

R67 = Vapours may cause drowsiness and dizziness.

Description of the hazard statements exposed to point 3

H226 = Flammable liquid and vapour.

H336 = May cause drowsiness or dizziness.

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.*
