

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.02.2021

Revision: 18.02.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: HY-LITE Multi-Purpose Conditioner**
- **Article number: 431**
- **UFI: 2061-104Y-700V-HGD9**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
 SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Application of the substance / the mixture**
 Plastic Conditioner (Exterior)
 Coating
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 Concept Chemicals & Coatings Ltd.
 Felt Court, Windmill Lane Ind.Estate
 Denton, Manchester M34 3RB England
 Tel 00 44 (0)161 335 0213
 Fax 00 44 (0)161 335 0214
- **Further information obtainable from:**
 Concept Chemicals & Coatings
 Ltd. Felt Court, Windmill Lane Ind.Estate Denton,
 Manchester M34 3RB England
 Tel 00 44 (0)161 335 0213
 Fax 00 44 (0)161 335 0214
 cheryl@conceptchemicals.com
- **1.4 Emergency telephone number:**
 During working hours GMT 09.00 - 17.00
 Tel: 0044 (0)161 335 0213
 Fax: 0044 (0)161 335 0214

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

(Contd. on page 2)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 18.02.2021

Revision: 18.02.2021

Trade name: HY-LITE Multi-Purpose Conditioner

(Contd. of page 1)



Skin Irrit. 2 H315 Causes skin irritation.
 STOT SE 3 H336 May cause drowsiness or dizziness.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms** GHS02, GHS07, GHS08, GHS09

· **Signal word** Danger

· Hazard-determining components of labelling:

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics.

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics.

n-hexane

· Hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P321 Specific treatment (see on this label).

P331 Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· 2.3 Other hazards

The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.

· Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 64742-49-0 EC number: 921-024-6 Reg.nr.: 01-2119475514-35-xxxx	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics.  Flam. Liq. 2, H225  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; STOT SE 3, H336	50-100%
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(Contd. on page 3)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 18.02.2021

Revision: 18.02.2021

Trade name: HY-LITE Multi-Purpose Conditioner

(Contd. of page 2)

EC number: 934-956-3 Reg.nr.: 01-2119827000-58-xxxx	Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics. ⚠ Asp. Tox. 1, H304	10-25%
CAS: 110-54-3 EINECS: 203-777-6 Reg.nr.: 01-2119480412-44-0001	n-hexane ⚠ Flam. Liq. 2, H225 ⚠ Repr. 2, H361f; STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	0-2.5%

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Generally the product does not irritate the skin.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Rinse out mouth and then drink plenty of water.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
If swallowed or in case of vomiting, danger of entering the lungs

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**
Prevent seepage into sewage system, workpits and cellars.
Dilute with plenty of water.
Do not allow to enter sewers /surface or ground water drains.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.02.2021

Revision: 18.02.2021

Trade name: HY-LITE Multi-Purpose Conditioner

(Contd. of page 3)

See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Risk of serious damage to eyes.
- **Information about fire - and explosion protection:**
 Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
 Keep receptacle tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

64742-49-0 Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics.

TWA	Short-term value: 216 mg/m ³ , 60 ppm
	Long-term value: 1200 mg/m ³

110-54-3 n-hexane

WEL	Long-term value: 72 mg/m ³ , 20 ppm
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· **DNELs**

64742-49-0 Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics.

Oral	LD50	>5,000 mg/kg (RAT)
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· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale dust / smoke / mist.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:** Rubber gloves

· **Material of gloves:** Nitrile rubber, NBR

· **Eye protection:** Safety glasses

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(Contd. on page 5)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 18.02.2021

Revision: 18.02.2021

Trade name: HY-LITE Multi-Purpose Conditioner

(Contd. of page 4)

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties
· General Information
· Appearance:

Form:	Fluid
Colour:	Violet
Odour:	Pleasant
Odour threshold:	Not determined.

pH-value:	Not determined.
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· Change in condition

Melting point/freezing point:	undetermined
Initial boiling point and boiling range:	62 °C

Flash point:	-35 °C
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Flammability (solid, gaseous)	Not applicable.
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Ignition temperature:	230 °C
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Decomposition temperature:	Not determined.
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Auto-ignition temperature:	Product is not selfigniting.
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Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
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· Explosion limits:

Lower:	0.6 Vol %
Upper:	7.0 Vol %

Vapour pressure at 20 °C:	170 hPa
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Density at 20 °C:	0.79064 g/cm ³
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Relative density	Not determined.
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Vapour density	Not determined.
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Evaporation rate	Not determined.
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· Solubility in / Miscibility with

Water:	Fully miscible
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Partition coefficient: n-octanol/water:	Not determined.
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· Viscosity:

dynamic:	Not determined.
kinematic at 20 °C:	25 s (ISO 3 mm)

9.2 Other information	No further relevant information available.
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SECTION 10: Stability and reactivity

10.1 Reactivity	No further relevant information available.
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10.2 Chemical stability	
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Thermal decomposition / conditions to be avoided:	
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No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions	No dangerous reactions known
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10.4 Conditions to avoid	No further relevant information available.
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(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.02.2021

Revision: 18.02.2021

Trade name: HY-LITE Multi-Purpose Conditioner

(Contd. of page 5)

- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**
May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
Do not allow product to reach ground water or water course.
Danger to drinking water if even small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

(Contd. on page 7)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 18.02.2021

Revision: 18.02.2021

Trade name: HY-LITE Multi-Purpose Conditioner

(Contd. of page 6)

- **Recommended cleansing agents:**
Solvent naphtha
Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· 14.1 UN-Number · ADR, IMDG, IATA	UN1993
· 14.2 UN proper shipping name · ADR · IMDG, IATA	1993 FLAMMABLE LIQUID, N.O.S., special provision 640D (Naphtha (petroleum), hydrotreated light (contains<0.1%benzene)), ENVIRONMENTALLY HAZARDOUS FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light (contains<0.1%benzene))
· 14.3 Transport hazard class(es) · ADR, IATA 	3 Flammable liquids. 3
· IMDG  	3 Flammable liquids. 3
· 14.4 Packing group · ADR, IMDG, IATA	II
· 14.5 Environmental hazards: · Marine pollutant:	Product contains environmentally hazardous substances: Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics. No Symbol (fish and tree)
· 14.6 Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Category	Warning: Flammable liquids. 33 F-E, S-E B
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.

(Contd. on page 8)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 18.02.2021

Revision: 18.02.2021

Trade name: HY-LITE Multi-Purpose Conditioner

(Contd. of page 7)

· Transport/Additional information:

· ADR	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	D/E

· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml

· UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S., SPECIAL PROVISION 640D (NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CONTAINS < 0.1% BENZENE)), 3, II, ENVIRONMENTALLY HAZARDOUS
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SECTION 15: Regulatory information

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

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms** GHS02, GHS07, GHS08, GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics.

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics.

n-hexane

· **Hazard statements**

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P321 Specific treatment (see on this label).

P331 Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

(Contd. on page 9)

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Trade name: HY-LITE Multi-Purpose Conditioner

(Contd. of page 8)

P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **Directive 2012/18/EU**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **National regulations**
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H225 *Highly flammable liquid and vapour.*

H304 *May be fatal if swallowed and enters airways.*

H315 *Causes skin irritation.*

H336 *May cause drowsiness or dizziness.*

H361f *Suspected of damaging fertility.*

H373 *May cause damage to organs through prolonged or repeated exposure.*

H411 *Toxic to aquatic life with long lasting effects.*

- **Department issuing SDS:** Technical Department.

- **Contact:** Mr N Wardlaw

- **Abbreviations and acronyms:**

ADR: *Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)*

IMDG: *International Maritime Code for Dangerous Goods*

IATA: *International Air Transport Association*

GHS: *Globally Harmonised System of Classification and Labelling of Chemicals*

EINECS: *European Inventory of Existing Commercial Chemical Substances*

ELINCS: *European List of Notified Chemical Substances*

CAS: *Chemical Abstracts Service (division of the American Chemical Society)*

DNEL: *Derived No-Effect Level (REACH)*

PBT: *Persistent, Bioaccumulative and Toxic*

vPvB: *very Persistent and very Bioaccumulative*

Flam. Liq. 2: *Flammable liquids – Category 2*

Skin Irrit. 2: *Skin corrosion/irritation – Category 2*

Repr. 2: *Reproductive toxicity – Category 2*

STOT SE 3: *Specific target organ toxicity (single exposure) – Category 3*

STOT RE 2: *Specific target organ toxicity (repeated exposure) – Category 2*

Asp. Tox. 1: *Aspiration hazard – Category 1*

Aquatic Chronic 2: *Hazardous to the aquatic environment - long-term aquatic hazard – Category 2*