



RedStar Primer

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

1.1 Product name/number

RedStar Primer / Prime1805

1.2 Use

Identified uses Adhesive

Uses advised against No specific uses advised against are identified.

1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier

InStar UK Ltd

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T: +44 (0)1858 456949, F: +44 (0)1858 410572

Further information obtainable from: www.instar-uk.co.uk

1.4 Emergency telephone number

During office hours T: +44 (0)185 8456949.

At all other times please contact your national poisoning centre.

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture - Classification (EC 1272/2008)

Physical hazards

Not Classified

Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H336

Environmental hazards

Not Classified

Human health

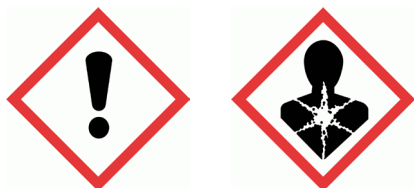
Product has a defatting effect on skin

Physicochemical

Vapours are heavier than air and may travel along the floor and accumulate in the bottom of containers.

2.2 Label elements

Hazard pictograms



Signal word: Warning



SECTION 2: Hazards Identification (cont)

2.2 Label elements (cont)

Hazard statements

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.

Precautionary statements

- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- P308+P313 IF exposed or concerned: Get medical advice/ attention.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 Dispose of contents/ container in accordance with national regulations.

Contains

DICHLOROMETHANE, hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

Supplementary precautionary statements

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P405 Store locked up.

SECTION 3: Composition/Information on Ingredients

DICHLOROMETHANE		EC number: 200-838-9	70%
CAS number: 75-09-2		REACH registration number: 01-2119480404-41-0007	
Classification			
Acute Tox. 4	H302		
Skin Irrit. 2	H315		
Eye Irrit. 2	H319		
Carc. 2	H351		
STOT SE 3	H336		
HYDROCARBONS, C6-C7,N-ALKANES, ISOALKANES, CYCLICS, <5% NHEXANE		EC number: 921-024-6	1-8%
		REACH registration number: 01-2119475514-35-0001	
Classification			
Flam. Liq. 2	H225		
Skin Irrit. 2	H315		
STOT SE 3	H336		
Asp. Tox. 1	H304		
Aquatic Chronic 2	H411		



SECTION 3: Composition/Information on Ingredients (cont)

HEXANE-NORM	EC number: 203-777-6	0.45%
CAS number: 110-54-3	REACH registration number: 01-2119480412-44-0009	
Classification		
Flam. Liq. 2	H225	
Skin Irrit. 2	H315	
Repr. 2	H361f	
STOT SE 3	H336	
STOT RE 2	H373	
Asp. Tox. 1	H304	
Aquatic Chronic 2	H411	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First-Aid Measures

4.1 Description of first aid measures

General information	Remove affected person from source of contamination.
Inhalation	Move affected person to fresh air at once.
Ingestion	DO NOT induce vomiting. Get medical attention immediately.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye contact:	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Vapours may cause drowsiness and dizziness. Irritation of nose, throat and airway.
Ingestion	May cause chemical burns in mouth and throat.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	Severe irritation, burning and tearing.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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SECTION 5: Fire Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards:

Toxic gases or vapours. No unusual fire or explosion hazards noted.

Hazardous combustion products:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

5.3. Advice for firefighters

Protection actions during firefighting:

Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Vapours may accumulate on the floor and in low-lying areas. Avoid inhalation of vapours and spray/mists.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 5°C and 25°C.

Storage class:

Chemical storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.



SECTION 8: Exposure Controls, Personal Protection

8.1. Control parameters

Occupational exposure limits

DICHLOROMETHANE	
Long-term exposure limit (8-hour TWA)	WEL 100 ppm 350 mg/m ³
Short-term exposure limit (15-minute)	WEL 300 ppm 1060 mg/m ³
SK =	Can be absorbed through the skin.
HEXANE-NORM	
Long-term exposure limit (8-hour TWA)	WEL 20 ppm 72 mg/m ³
WEL =	Workplace Exposure Limit
Sk =	Can be absorbed through the skin.

Ingredient comments WEL = Workplace Exposure Limits

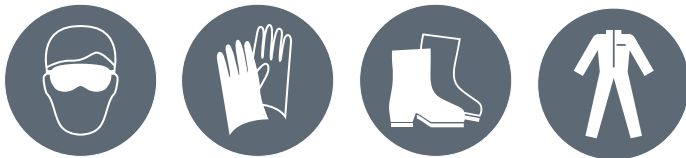
DICHLOROMETHANE (CAS: 75-09-2)	
WEL =	Workplace Exposure Limits
DNEL	Consumer - Dermal; Short term systemic effects: 353 mg/m ³ Workers - Dermal; Short term systemic effects: 706 mg/m ³
PNEC	Fresh water; 0.54 mg/l - Sediment (Freshwater); 4.47 mg/kg - Intermittent release; 0.27 mg/l - Sediment (Marinewater); 1.61 mg/kg - Marine water; 0.194 mg/l - STP; 26 mg/l - Soil; 0.583 mg/kg.
HYDROCARBONS, C6-C7,N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE	
WEL =	Workplace Exposure Limits
DNEL	Consumer - Oral; Long term systemic effects: 699 mg/kg bw/day Consumer - Dermal; Long term systemic effects: 699 mg/kg bw/day Workers - Dermal; Long term systemic effects: 773 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 608 mg/m ³



SECTION 8: Exposure Controls, Personal Protection

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. For exposure up to 8 hours, wear gloves made of the following material: Viton rubber (fluoro rubber).

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination. Wear apron or protective clothing in case of contact.

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Wash hands after handling.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly ventilated spaces, a supplied-air respirator must be worn. Wear a respirator fitted with the following cartridge: ABEK2-P3

Environmental exposure controls

Keep container tightly sealed when not in use.



SECTION 9: Accidental Release Measures

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES	
Appearance/ Colour	Coloured liquid/ Various colours
Odour	Characteristic
Odour threshold	Not available.
pH	Not available.
Melting point	Not available.
Initial boiling point and range	Estimated value. 39-40°C @
Flash point	Technically not feasible
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not available.
Other flammability	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	1.25 @ 20°C
Bulk density	Not available.
Solubility(ies)	Insoluble in water
Partition coefficient	Not available.
Auto-ignition temperature	Data lacking
Decomposition Temperature	Not available.
Viscosity	Kinematic viscosity > 20.5 mm ² /s
Explosive properties	Not available.
Explosive under the influence of a flame	Not considered to be explosive
Oxidising properties	Not available.
Comments	Information given is applicable to the product as supplied
9.2 Other information	No information required
Refractive index	Not available.
Particle size	Not available.
Molecular weight	Not available.
Volatility	Not available.
Saturation concentration	Not available.
Critical temperature	Not available.

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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Not applicable. Not relevant.

10.4. Conditions to avoid

Avoid freezing.

10.5. Incompatible materials

Flammable/combustible materials. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral ATE oral (mg/kg) 2,877.7l

Inhalation Harmful by inhalation.

Ingestion Harmful if swallowed.

|Skin contact Harmful in contact with skin.

Eye contact Causes skin and eye irritation.

DICHLOROMETHANE	
Toxicological effects	The toxicity of this substance has been assessed during REACH registration.
Acute toxicity oral (LD₅₀ mg/kg)	2,000.0
Species	Rat
Acute toxicity dermal (LD₅₀ mg/kg)	2,000.0
Species	Rat
Acute toxicity inhalation (LC₅₀ vapours mg/l)	86.0
Species	Rat
ATE inhalation (vapours mg/l)	86.0
Skin corrosion/irritation	Irritating to skin., REACH dossier information.
Serious eye damage/irritation	Causes eye irritation.
Respiratory sensitisation	Not sensitising.
Genotoxicity - in vitro	Positive.
Genotoxicity - in vivo	Negative.
IARC carcinogenicity	IARC Group 2B Possibly carcinogenic to humans
Reproductive toxicity - fertility	No evidence of reproductive toxicity in animal studies
Reproductive toxicity - development	No evidence of reproductive toxicity in animal studies.





SECTION 11: Toxicological information (cont)

HYDROCARBONS, C6-C7,N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE	
Toxicological effects	No information available.
Acute toxicity oral (LD ₅₀ mg/kg)	5,840.0
Species	Rat
Notes (oral LD ₅₀)	Not known. Data lacking.
ATE oral (mg/kg)	5,840.0
Acute toxicity dermal (LD ₅₀ mg/kg)	2,920.0
Species	Rat
Notes (dermal LD ₅₀)	Data lacking.
ATE dermal (mg/kg)	2,920.0
Acute toxicity inhalation (LC ₅₀ vapours mg/l)	25.2
Species	Rat
ATE inhalation (vapours mg/l)	25.2
Animal data	Data lacking.
Skin corrosion/irritation	Data lacking.
Animal data	Data lacking.
Serious eye damage/irritation	Data lacking.
Animal data	Data lacking.
Aspiration hazard	Kinematic viscosity > 20.5 mm ² /s.
Inhalation	May cause respiratory system irritation.
Ingestion	May cause stomach pain or vomiting.
Skin contact	Irritating to skin.
Eye contact	May cause severe eye irritation.
Acute and chronic health hazards	Vapour from this product may be hazardous by inhalation.
Route of entry	Inhalation Skin absorption Ingestion. Skin and/or eye contact.
Target organs	No specific target organs known.
Medical symptoms	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.
Medical considerations	No information available.

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SECTION 11: Toxicological information (cont)

HEXANE-norm	
Acute toxicity oral (LD ₅₀ mg/kg)	25,000.0
Species	Rat
ATE oral (mg/kg)	25,000.0
Acute toxicity inhalation (LC ₅₀ gases ppmV)	48,000.0
Species	Rat
ATE inhalation (gases ppm)	48,000.0

SECTION 12: Ecological information

HYDROCARBONS, C6-C7,N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE	
Ecotoxicity	Dangerous for the environment
DICHLOROMETHANE	
Acute aquatic toxicity Acute toxicity - fish	LC50, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) LC ₅₀ , 48 hours: 97 mg/l, Fundulus heteroclitus
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 27 mg/l, Daphnia magna LC ₅₀ , 48 hours: 109 mg/l, Palaemonetes pugio
Acute toxicity - aquatic plants	NOEC, 192 hours: 550 mg/l, Microcystis aeruginosa - Algae, blue, cyanobacteria
Acute toxicity - microorganisms	EC ₅₀ , 0.67 hours: 2590 mg/l, Bacteria
Chronic aquatic toxicity Chronic toxicity - fish early life stage	NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow)
HYDROCARBONS, C6-C7,N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE	
Acute aquatic toxicity Acute toxicity - fish	LC ₀ , hours: >1-<10 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 3 mg/l, Daphnia magna
Acute toxicity - aquatic plants	LC ₀ , hours: >1-<10 mg/l, Fish
HEXANE-norm	
Acute toxicity - fish	LC ₅₀ , EC ₅₀ , IC ₅₀ : 10 mg/l, Fish
Acute toxicity - aquatic invertebrates	LC ₅₀ , EC ₅₀ , IC ₅₀ : 10 mg/l, Daphnia magna
Acute toxicity - aquatic plants	LC ₅₀ , EC ₅₀ , IC ₅₀ : 10 mg/l, Algae

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Partition coefficient Not available.



SECTION 12: Ecological information (cont)

12.3. Bioaccumulative potential (cont)

Ecological information on ingredients.

DICHLOROMETHANE

Bioaccumulative potential	The product is not bioaccumulating.
Partition coefficient	Not available.

12.4. Mobility in soil

Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.
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Ecological information on ingredients.

DICHLOROMETHANE

Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB
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Ecological information on ingredients.

DICHLOROMETHANE

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB
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12.6. Other adverse effects

Other adverse effects	Not applicable.
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Ecological information on ingredients.

DICHLOROMETHANE

Other adverse effects	Not applicable.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information


Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.



SECTION 14: Transport information

TRANSPORT INFORMATION	
14.1 UN Number	
UN No. (ADR/RID)	2810
UN No. (IMDG)	2810
UN No. (ICAO)	2810
UN No. (ADN)	2810
14.2 UN proper shipping name	
Proper shipping name (ADR/RID)	TOXIC LIQUID, ORGANIC, N.O.S.
Proper shipping name (IMDG)	TOXIC LIQUID, ORGANIC, N.O.S.
Proper shipping name (ICAO)	TOXIC LIQUID, ORGANIC, N.O.S.
Proper shipping name (ADN)	TOXIC LIQUID, ORGANIC, N.O.S.
14.3 Transport hazard class(es)	
ADR/RID class	6.1
ADR/RID classification code	T1
ADR/RID label	6.1
IMDG class	6.1
ICAO class/division	6.1
ADN class	6.1
Transport labels	
14.4. Packing group	
ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III
14.5 Environmental hazards	
Environmentally hazardous substance/marine pollutant	No.
14.6.Special precautions for user	
EmS	F-A, S-A
ADR transport category	2
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	60
Tunnel restriction code	(E)
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	

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SECTION 15: Regulatory information

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

National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

Control of Pollution Act 1974.

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance

Approved Classification and Labelling Guide (Sixth edition) L131.

Authorisations (Annex XIV Regulation 1907/2006)

No specific authorisations are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. Other information

Issued by

Compliance

Revision

20

Revision date

28/09/2020

SDS status

Approved.

Hazard statements in full

- H225 Highly flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- 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.

Store Between Store Between 5°C - 25°C

Contains isocyanate NO