



# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name or designation of the mixture** Power Stick  
**Registration number** -  
**Synonyms** None.  
**Product code** UDS000313AE  
**Issue date** 07-April-2023  
**Version number** 01

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

**Identified uses** Adhesives  
**Uses advised against** None known.

### 1.3. Details of the supplier of the safety data sheet

**Company name** CRC Industries Europe bv  
**Address** Touwslagerstraat 1  
9240 Zele  
Belgium  
**Telephone** +32(0)52/45.60.11  
**Fax** +32(0)52/45.00.34  
**E-mail** hse@crcind.com  
**Website** www.crcind.com

**1.4. Emergency telephone number** Tel.: +32(0)52/45.60.11 (office hours: 9-17h CET)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended

#### Physical hazards

Aerosols Category 1 H222 - Extremely flammable aerosol.  
H229 - Pressurized container: May burst if heated.

#### Health hazards

Serious eye damage/eye irritation Category 2 H319 - Causes serious eye irritation.  
Specific target organ toxicity - single exposure Category 3 narcotic effects H336 - May cause drowsiness or dizziness.

#### Environmental hazards

Hazardous to the aquatic environment, long-term aquatic hazard Category 2 H411 - Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

**Contains:** acetone; propan-2-one; propanone, Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic

**Hazard pictograms** None.

**Signal word** None.

#### Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurized container: May burst if heated.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

## Precautionary statements

### Prevention

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing mist/vapours.
P271	Use only outdoors or in a well-ventilated area.

### Response

Not assigned.

### Storage

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

### Disposal

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

Supplemental label information None.

2.3. Other hazards None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
acetone; propan-2-one; propanone	<30	67-64-1 200-662-2	01-2119471330-49	606-001-00-8	#
<b>Classification:</b> Flam. Liq. 2;H225, Eye Irrit. 2;H319, STOT SE 3;H336					
Hydrocarbons, C7, n-alkanes,isoalkanes, cyclic	<20	EC927-510-4 927-510-4	01-2119475515-33	649-328-00-1	
<b>Classification:</b> Flam. Liq. 2;H225, Skin Irrit. 2;H315, STOT SE 3;H336, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
hydrocarbons,C6,isoalkanes,< 5% n-hexane	<15	EC931-254-9 931-254-9	01-2119484651-34	649-328-00-1	
<b>Classification:</b> Flam. Liq. 2;H225, Skin Irrit. 2;H315, STOT SE 3;H336, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane	<10	EC926-605-8 926-605-8	01-2119486291-36	-	
<b>Classification:</b> Flam. Liq. 2;H225, STOT SE 3;H336, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					

## SECTION 4: First aid measures

General information Not available.

### 4.1. Description of first aid measures

Inhalation Not available.

Skin contact Not available.

Eye contact Not available.

Ingestion Not available.

4.2. Most important symptoms and effects, both acute and delayed Not available.

4.3. Indication of any immediate medical attention and special treatment needed Not available.

## SECTION 5: Firefighting measures

General fire hazards Not available.

### 5.1. Extinguishing media

Suitable extinguishing media Not available.

Unsuitable extinguishing media Not available.

5.2. Special hazards arising from the substance or mixture Not available.

### 5.3. Advice for firefighters

Special protective equipment for firefighters Not available.

Special fire fighting procedures Not available.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Not available.

For emergency responders Not available.

6.2. Environmental precautions Not available.

6.3. Methods and material for containment and cleaning up Not available.

6.4. Reference to other sections Not available.

## SECTION 7: Handling and storage

7.1. Precautions for safe handling Not available.

7.2. Conditions for safe storage, including any incompatibilities Storage class (TRGS 510): 2B (Aerosol dispensers and lighters)

7.3. Specific end use(s) Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
acetone; propan-2-one; propanone (CAS 67-64-1)	STEL	3620 mg/m <sup>3</sup>
		1500 ppm
	TWA	1210 mg/m <sup>3</sup> 500 ppm

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Not available.

#### Derived no effect levels (DNELs)

##### General population

Components	Value	Assessment factor	Notes
acetone; propan-2-one; propanone (CAS 67-64-1)			
Long-term, Systemic, Dermal	62 mg/kg bw/day	20	
Long-term, Systemic, Inhalation	200 mg/m <sup>3</sup>	5	
Long-term, Systemic, Oral	62 mg/kg bw/day	2	
Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane (CAS EC926-605-8)			
Long-term, Systemic, Dermal	1377 mg/kg bw/day		
Long-term, Systemic, Inhalation	1131 mg/m <sup>3</sup>		
Long-term, Systemic, Oral	1301 mg/kg bw/day		
hydrocarbons, C6, isoalkanes, < 5% n-hexane (CAS EC931-254-9)			
Long-term, Systemic, Dermal	1377 mg/kg bw/day		
Long-term, Systemic, Inhalation	1131 mg/kg bw/day		
Long-term, Systemic, Oral	1301 mg/kg bw/day		

##### Workers

Components	Value	Assessment factor	Notes
acetone; propan-2-one; propanone (CAS 67-64-1)			
Long-term, Systemic, Dermal	186 mg/kg bw/day		
Long-term, Systemic, Inhalation	1210 mg/m <sup>3</sup>		
Short-term, Local, Inhalation	2420 mg/m <sup>3</sup>		

Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane (CAS EC926-605-8)

Long-term, Systemic, Dermal 13964 mg/kg bw/day  
Long-term, Systemic, Inhalation 5306 mg/m<sup>3</sup>

hydrocarbons, C6, isoalkanes, < 5% n-hexane (CAS EC931-254-9)

Long-term, Systemic, Dermal 13964 mg/kg bw/day  
Long-term, Systemic, Inhalation 5306 mg/m<sup>3</sup>

#### Predicted no effect concentrations (PNECs)

Components	Value	Assessment factor	Notes
acetone; propan-2-one; propanone (CAS 67-64-1)			
Freshwater	10.6 mg/l	50	
Marine water	1.06 mg/l	500	
Sediment (freshwater)	30.4 mg/kg		
Sediment (marine water)	3.04 mg/kg		
Soil	29.5 mg/kg		
STP	100 mg/l	10	

#### 8.2. Exposure controls

**Appropriate engineering controls** Not available.

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

**General information** Not available.

**Eye/face protection** Wear safety glasses with side shields (or goggles). Use eye protection conforming to EN 166.

#### Skin protection

**- Hand protection** When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Nitrile gloves are recommended. Suitable gloves can be recommended by the glove supplier.

**- Other** Not available.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with organic vapour cartridge and full facepiece. (Filter type A)

**Thermal hazards** Not available.

**Hygiene measures** Not available.

**Environmental exposure controls** Not available.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

##### Appearance

**Physical state** Liquid.

**Form** Not available.

**Colour** Colourless.

**Odour** Solvent.

**Odour threshold** Not available.

**pH** Not available.

**Melting point/freezing point** -94.7 °C (-138.5 °F) estimated

**Initial boiling point and boiling range** 56 °C (132.8 °F)

**Flash point** -18.0 °C (-0.4 °F)

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

##### Upper/lower flammability or explosive limits

**Explosive limit - lower (%)** 1.1 %

**Explosive limit - upper (%)** 13 %

**Vapour pressure** Not available.

**Vapour density** Not available.

**Relative density** 0.8 g/cm<sup>3</sup> at 20°C

##### Solubility(ies)

**Solubility (water)** Partly soluble in water

<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	> 200 °C (> 392 °F)
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidising properties</b>	Not available.

## 9.2. Other information

<b>VOC</b>	650 g/l
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## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	Not available.
<b>10.2. Chemical stability</b>	Not available.
<b>10.3. Possibility of hazardous reactions</b>	Not available.
<b>10.4. Conditions to avoid</b>	Avoid high temperatures.
<b>10.5. Incompatible materials</b>	Not available.
<b>10.6. Hazardous decomposition products</b>	Carbon oxides.

## SECTION 11: Toxicological information

<b>General information</b>	Not available.
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### Information on likely routes of exposure

<b>Inhalation</b>	Not available.
<b>Skin contact</b>	Not available.
<b>Eye contact</b>	Not available.
<b>Ingestion</b>	Not available.

<b>Symptoms</b>	Not available.
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### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
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<b>Components</b>	<b>Species</b>	<b>Test Results</b>
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acetone; propan-2-one; propanone (CAS 67-64-1)

#### Acute

##### **Dermal**

LD50	Rat	15800 mg/kg
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##### **Inhalation**

LC50	Rat	50.1 mg/l, 8 Hours
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##### **Oral**

LD50	Rat	5800 mg/kg
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Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane

#### Acute

##### **Dermal**

LD50	Rabbit	> 2000 mg/kg
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##### **Inhalation**

LC50	Rat	> 20 mg/l, 4 h
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##### **Oral**

LD50	Rat	> 3350 mg/kg
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Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic

#### Acute

##### **Dermal**

LD50	Rat	2920 mg/kg
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##### **Inhalation**

LC50	Rat	23.3 mg/l
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##### **Oral**

LD50	Rat	5840 mg/kg
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Components	Species	Test Results
hydrocarbons,C6,isoalkanes,< 5% n-hexane		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	3350 mg/kg, 4 h
<b>Inhalation</b>		
LD50	Rat	259354 mg/m3
<b>Oral</b>		
LD50	Rat	16750 mg/kg
<b>Skin corrosion/irritation</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	Not available.	
<b>Respiratory sensitisation</b>	Not available.	
<b>Skin sensitisation</b>	Not available.	
<b>Germ cell mutagenicity</b>	Not available.	
<b>Carcinogenicity</b>	Not available.	
<b>Reproductive toxicity</b>	Not available.	
<b>Specific target organ toxicity - single exposure</b>	Not available.	
<b>Specific target organ toxicity - repeated exposure</b>	Not available.	
<b>Aspiration hazard</b>	Not available.	
<b>Mixture versus substance information</b>	Not available.	

## SECTION 12: Ecological information

### 12.1. Toxicity

Components	Species	Test Results
Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	NOEC	Algae 30 mg/l, 72 h
Crustacea	EC50	Daphnia 3 mg/l, 48 h
Fish	LC50	Fish 12 mg/l, 96 h
Hydrocarbons, C7, n-alkanes,isoalkanes, cyclic		
<b>Aquatic</b>		
<i>Acute</i>		
Crustacea	EC50	Daphnia 3 mg/l, 48 hours
Fish	LC50	Fish > 13.4 mg/l, 96 hours
<i>Chronic</i>		
Crustacea	NOEC	Daphnia 0.17 mg/l, 21 days
hydrocarbons,C6,isoalkanes,< 5% n-hexane		
<i>Acute</i>		
Other	EC50	Pseudokirchnerella subcapitata 13.6 mg/l, 72 hours
	NOEC	Pseudokirchnerella subcapitata 3 mg/l, 72 hours
<b>Aquatic</b>		
<i>Acute</i>		
Crustacea	EC50	Daphnia magna 31.9 mg/l, 48 hours
	NOEC	Daphnia magna 7.14 mg/l, 21 days
Fish	EC50	Rainbow trout 18.3 mg/l, 96 hours
	NOEC	Rainbow trout 4.09 mg/l, 28 days
<b>12.2. Persistence and degradability</b>	Not available.	
<b>12.3. Bioaccumulative potential</b>	Not available.	

**Partition coefficient****n-octanol/water (log Kow)**

acetone; propan-2-one; propanone -0.24  
Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane < 4

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** Not available.

**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.

**12.6. Other adverse effects** GWP: 1

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Residual waste** Not available.

**Contaminated packaging** Not available.

**EU waste code** Not available.

**SECTION 14: Transport information****ADR**

**14.1. UN number** UN1950

**14.2. UN proper shipping name** AEROSOLS

**14.3. Transport hazard class(es)**

**Class** 2.1

**Subsidiary risk** -

**Hazard No. (ADR)** Not assigned.

**Tunnel restriction code** D

**ADR/RID - Classification code:** 5F

**14.4. Packing group** Not applicable

**14.5. Environmental hazards** Yes

**14.6. Special precautions for user** Not assigned.

**RID**

**14.1. UN number** UN1993

**14.2. UN proper shipping name** FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa) (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic, acetone; propan-2-one; propanone)

**14.3. Transport hazard class(es)**

**Class** 3

**Subsidiary risk** -

**Label(s)** 3

**14.4. Packing group** II

**14.5. Environmental hazards** Yes

**14.6. Special precautions for user** Not assigned.

**ADN**

**14.1. UN number** UN1993

**14.2. UN proper shipping name** FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic, acetone; propan-2-one; propanone)

**14.3. Transport hazard class(es)**

**Class** 3

**Subsidiary risk** -

**Label(s)** 3

**14.4. Packing group** II

**14.5. Environmental hazards** Yes

**14.6. Special precautions for user** Not assigned.

**IATA**

**14.1. UN number** UN1950

**14.2. UN proper shipping name** AEROSOLS

**14.3. Transport hazard class(es)**

**Class** 2.1

**Subsidiary risk** -

**14.4. Packing group** Not applicable

14.5. Environmental hazards Yes

14.6. Special precautions Not assigned.

for user

#### IMDG

14.1. UN number UN1950

14.2. UN proper shipping name AEROSOLS, MARINE POLLUTANT

14.3. Transport hazard class(es)

Class 2.1

Subsidiary risk -

14.4. Packing group Not applicable

14.5. Environmental hazards

Marine pollutant Yes

EmS F-D,S-U

14.6. Special precautions Not assigned.

for user

14.7. Transport in bulk Not available.

according to Annex II of

MARPOL 73/78 and the IBC

Code

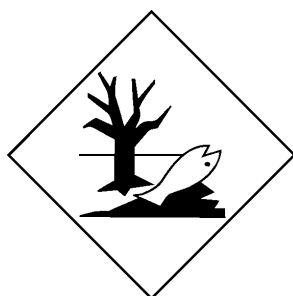
ADN; RID



ADR; IATA; IMDG



Marine pollutant



## SECTION 15: Regulatory information

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

Retained direct EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.



**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**  
Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**  
acetone; propan-2-one; propanone (CAS 67-64-1)

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**  
Not listed.

#### **Authorisations**

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**  
Not listed.

#### **Restrictions on use**

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**  
acetone; propan-2-one; propanone (CAS 67-64-1)

#### **Other EU regulations**

**Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended**  
acetone; propan-2-one; propanone (CAS 67-64-1)

#### **Other regulations**

Not available.

#### **15.2. Chemical safety assessment**

Not available.

### **SECTION 16: Other information**

#### **List of abbreviations**

ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.  
ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).  
Ceiling: Short Term Exposure Limit Ceiling value.  
CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.  
GWP: Global Warming Potential.  
IATA: International Air Transport Association.  
MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).  
REACH: Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals).  
RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer).  
STEL: Short term exposure limit.  
TLV: Threshold Limit Value.  
TWA: Time Weighted Average.  
VOC: Volatile organic compounds.  
STEL: Short-term Exposure Limit.

#### **References**

Not available.

#### **Information on evaluation method leading to the classification of mixture**

Not available.

#### **Full text of any statements, which are not written out in full under sections 2 to 15**

H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.  
EUH066 Repeated exposure may cause skin dryness or cracking.

#### **Revision information**

None.

#### **Training information**

Not available.

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