

BORAQ AL SAAD TRADING LLC

PO Box # 146, PC 111, Al Khuwair, Muscat, Sultanate of Oman.

Phone # +968 24481830, Fax. # +968 24484891, Web Site. www.bst-oman.com

CHEMICAL SAFETY DATA SHEET – POWER CLEAN 7

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	POWER CLEAN 7
PRODUCT CODE	DC 720
USE	DEGREASER (NON-CAUSTIC)
UNIT OF ISSUE	PAIL
UNIT OF ISSUE CONTAINER QTY.	25-LITER PAIL
TYPE OF CONTAINER	HDPE
DATE PREPARED	1 ST DECEMBER 2021
COMPANY NAME	BORAQ AL SAAD TRADING LLC
COMPANY ADDRESS	PO. BOX 146, PC 111 AL KHUWAIR, MUSCAT, SULTANATE OF OMAN
COMPANY PHONE #	+968 2448 1830
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SECTION 2; COMPOSITION/INFORMATION ON INGREDIENT

INGREDIENT	SODIUM METASILICATE
NIOSH (RTECS) #	W9275000
CAS #	6834-92-0
ACGIH TLV	C, 2 MG/M ³
INGREDIENT	TRISODIUM NITRILOACETIC ACID
NIOSH (RTECS) #	MB8400000
CAS #	5064-31-3
ACGIH TLV	25 PPM (SKIN)
INGREDIENT	NONIONIC SURFACTANT
NIOSH (RTECS) #	N/K
CAS #	N/K
ACGIH TLV	N/K
INGREDIENT	CATIONIC SURFACTANT
NIOSH (RTECS) #	N/K
CAS #	N/K
ACGIH TLV	N/K

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SECTION 3: HAZARD IDENTIFICATION

GHS Classification

EYE IRRITATION : Category 2A

SKIN SENSITIZATION : Category 1

HARMFUL IF SWALLOWED : Category 4

GHS Label Element

Hazard pictograms



Signal words :

Hazard Statements :

Precautionary Statements :

Warning

May cause an allergic skin reaction. Causes eye irritation.

Prevention:

Wash skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection/ face protection. Wear protective gloves.

Response:

IF ON SKIN (or hair) : Remove/take off immediately all contaminated clothing, rinse skin with water/shower.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/ Physician. Do NOT induce vomiting.

Storage:

Store in well-ventilated place. Keep cool. Store locked up.

Disposal:

Dispose of contents and container to appropriate waste site or re-claimer in accordance with local and national regulations.

Other hazards which do not result in classification:

None known.

Section 4: first aid measures

EYE CONTACT Flush thoroughly with water. Remove any contact lenses. Continue to flush with water for 15 minutes. Seek medical attention.

SKIN CONTACT Flush thoroughly with water. Wash skin with water. Rinse abundantly. Remove contaminated clothing. Seek medical attention.

INGESTION Drink plenty of water. Never give anything by mouth or induce vomiting if unconscious. Seek medical attention.

INHALATION remove to fresh air. Give artificial respiration or oxygen.

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SECTION 5: FIREFIGHTING MEASURES

FIREFIGHTING MEDIA:

FOAM, CO2, dry chemical, water fog.

Firefighting instruction:

Non-flammable, wear NIOSH approved self-contained breathing apparatus and full protective equipment

SPECIAL HAZARDS:

None

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS, IF MATERIAL LEAK/SPILL:

Mop up material or pick up with absorbent material, rinse with water

SECTION 7 HANDLING AND STORAGE

Store in a cool place away from heat and direct sunlight. Keep container closed during storage

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

EXPOSURE LIMIT

Chemical name

SODIUM METASILICATE

CAS

6834-92-0

OSHA PEL

2 MG/M³ 8HR

VENTILATION:

Normal local exhaust.

PROTECTIVE GLOVES

Rubber or chemical resistant glove

EYE PROTECTION:

Chemical splash proof goggles.

RESPIRATORY PROTECTION;

- (i) **Confined space:** Wear NIOSH approved respirator appropriate for exposure of concern.
- (ii) **Open space:** May wear a dust/mist mask depending on working atmospheric condition.

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OTHER PROTECTIVE EQUIPMENT:

Work hygienic practices:

Wash had thoroughly after use. Use good personal hygiene practices. Launder contaminated clothing or equipment before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Orange Liquid
Odor	Slight Fragrance
Solubility in Water	Complete
Boiling point	100° C
Melting point	N/A
Flash Point	N/A
Specific Gravity	1.09
pH Value	11.9 ± 0.5

SECTION 10: STABILITY AND REACTIVITY

Stability:

Yes

Condition to avoid:

Non-flammable

Materials to avoid:

Don't mix with anything but water. Incompatible products like acids.

Hazardous decomposition products:

Oxides of carbon

Hazardous polymerization occurs:

Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Carcinogenicity – NTP, IARC or OSHA	No
Explanation Carcinogenicity	Not Relevant

Health hazard acute and chronic:

Skin contact	Defatting to skin on prolonged/repeated contact.
Eye contact	Eye irritant. May cause redness and swelling of the conjunctiva
Ingestion	May cause gastro-intestinal disturbances.

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SECTION 12: ECOLOGICAL INFORMATION

Biodegradability

Biodegradable

Aquatic Toxicity

Not Hazardous to the Aquatic Environment.

Inference

The classification system for substances hazardous to the aquatic environment according to the globally harmonized system (GHS) for hazard classification and communication (2001) is shown below

Toxicity category (acute toxicity for 96hr, LC50 for fish)	Classification Limit
Acute I	$\leq 1\text{mg/l}$
Acute II	$>1 \leq 10\text{mg/l}$
Acute III	$>10 \leq 100\text{mg/l}$

Based on the criteria for the harmonized classification system for substances, the **DC 720 Power Clean 7** is classified as “**Not hazardous to aquatic environment**” as the LC50 value is above 100mg/l.

The USEPA has approved some guidelines to estimate the instream (receiving water) concentration that will not cause acute toxicity on the aquatic organisms (EPA/600/4-85/013). In the absence of data on waste flow and receiving water flow, the following formula is adopted.

IWC acute toxicity $\leq \text{LC}_{50}/3$

IWC chronic toxicity $\leq \text{LC}_{50}/20$ (assuming product is degradable)

IWC Chronic toxicity $\leq \text{LC}_{50}/100$ (assuming product is not degradable)

Precaution should be taken to ensure instream (receiving water) concentration (IWC) from discharge to water bodies or of “spend” product.

- (i) Should not exceed 50mg/l to prevent acute toxicity.
- (ii) Should not exceed 7.5mg/l (if product is easily degradable)
- (iii) Should not exceed 1.5mg/l (if product is not degradable) to prevent long term or chronic toxicity.

SECTION 13: DISPOSAL INFORMATION

Disposal of waste to be in accordance with environmental quality (scheduled waste) regulation 1989 and other guidelines issues by doe and/or local authorities.

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SECTION 14: TRANSPORT INFORMATION

UN #	N/A
T.D.G. classification	N/A
Packing group	N/A
Special shipping instructions	N/A

SECTION 15: REGULATION INFORMATION

Proposed classification	Harmful
R Phrase	
R22	Harmful if Swallow
R36/38	Irritating to Eye and Skin
Safety phrase	
S2	Keep out of reach of children
S13	Keep away from food, drink and animal feeding stuff.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 16: OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assure no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purpose. On no event, shall Boraq Al Saad Trading LLC be liable for any claims, losses, or damages of any third party, or for lost profits or any special indirect, incidental, consequential or exemplary damages, howsoever arising, even if Boraq Al Saad Trading LLC has been advised of the possibility of such damages.