

SAFETY DATA SHEET

KNOCK OUT

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: KNOCK OUT
 PRODUCT USE: Heavy Duty Laundry Detergent Booster
 VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
 9 City View Drive, Etobicoke, Ontario M9W 5A5
 24 HOUR EMERGENCY NO. 613-996-6666 (CANUTEC)

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION

- SKIN CORROSION /IRRITATION Category 2, EYE DAMAGE IRRITATION Category 2B

LABEL ELEMENTS



- SIGNAL WORD: WARNING
- HAZARD STATEMENT(S): CAUSES SKIN AND EYE IRRITATION.
- PRECAUTIONARY STATEMENTS: Wash skin thoroughly after handling. Dispose of contents/ containers in accordance with local regulations.
- Response: - IF ON EYES: Wash with plenty of water. Get medical attention.

IF SWALLOWED: Call a doctor for medical advice. Rinse mouth.

IF ON SKIN: Wash with plenty of water. Get medical attention. Take off contaminated clothes and wash it before reuse.

SECTION 3 – COMPOSITION / INFORMATION INGREDIENTS

CHEMICAL NAME	%	CAS.NO
Glycol ether DPM	10-30	34590-94-8
Alcohol ethoxylate	10-30	68551-12-2
Optical brightener	0.01-0.1	54351-85-8

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove source of exposure or move to fresh air. Call a poison centre or doctor if you feel unwell.
Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention or advise. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention or advice.
Ingestion: Call a doctor for medical advice. Rinse mouth. Do not induce vomiting.

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Note to physician: Treat symptomatically, no specific antidote. See toxicological information (section 11)

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing Media: Use water spray, fog or foam.

Unsuitable Extinguishing Media: None known

Specific hazards arising from the product: Keep away sources of ignition.

Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon dioxide and carbon monoxide.

Advice for fire-fighters: Not available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective clothing. Wear eye/face protection.

Environmental precautions: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Methods and materials for containment and cleaning up: Use a water rinse for final clean-up.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

Storage Procedures: Keep containers closed when not in use. Do not freeze. Store between the following temperatures: 5 to 40°C.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME	ACGIH TLV	STEL	OSHA PEL		AIHA WEEL	
	TWA		TWA	Ceiling	8 hour TWA	Short term TWA Ⓢ
Glycol Ether DPM	100 ppm		Not available		Not available	

ACGIH= American Conference of Governmental Industrial Hygienists. TLV = Threshold Limit Value. TWA = Time-weighted Average. STEL = Short-term Exposure Limit OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. AIHA = AIHA Guideline Foundation. WEEL = Workplace Environmental Exposure Limit.

Appropriate Engineering Control: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual Protection Measure:

Eye/Face Protection: Do not get into eyes. Wear chemical safety goggles.

Skin Protection: No known effect after skin contact. Rinse with water.

Respiratory protection: Not required

Inhalation: No special measures required. Treat symptomatically.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid, colorless.

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Odour: None.

pH : 9 (100 %)

Melting Point: Not available

Boiling point: > 100 °C

Flash Point: Not available

Evaporation Rate: Not available

Flammability: Not available

Explosive Limit: Not available

Relative Density: Approx. = 1 (Water = 1)

Viscosity: Not available

Solubility in water: Soluble

Partition coefficient - n-octanol/water: Not available

Auto ignition temperature Not available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: No specific data.

SECTION 11 – TOXICOLOGICAL INFORMATION

Chemical Name	LC50	LD50	LD50 (dermal)
Alcohol ethoxylate	Not Available	Not Available	Not Available
Glycol ether DPM	Not Available	5130 mg/kg (guinea pig)	Not Available

Routes of exposure: Skin contact, Eye contact, Ingestion.

Eye contact: Material may cause irritation.

Skin contact. Causes skin irritation.

Inhalation: No specific data.

Acute toxicity:

Eye contact: Causes eye irritation.

Skin contact: Causes skin irritation.

Inhalation: Not known significant effects.

Ingestion: Not known significant effects.

Germ cell mutagenicity: Not available

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Carcinogenicity: Not available.

Reproductive toxicity: No evidence of reproductive toxicity or developmental toxicity.

STOT - single exposure irritating to respiratory system.

STOT - Not classified.

Aspiration hazard: Not classified.

SECTION 12 – ECOLOGICAL CONSIDERATION

Eco toxicity : This material may be harmful to aquatic life.

Bio accumulative potential Inorganic: The substance has no potential for bioaccumulation.

Mobility in soil: Not applicable.

Other adverse effects: Not known.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: In accordance with federal, provincial or local government requirements.

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: Not regulated.

SECTION 15 – REGULATORY INFORMATION

Refer to section 2.

SECTION 16 – OTHER INFORMATION

EFFECTIVE DATE:

February 14, 2017: **Revision 1**

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