

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: FLASH KLENE
Product Use: CITRUS BASED ALKALINE POWDERED DETERGENT.
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
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SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight	Exposure Limits	
			OSHA PEL	ACGIH TLV
Sodium Carbonate	497-19-8	55 – 60 %	Not established.	Not established.
Sodium Sulphate	7757-82-6	10 – 15 %	Not established.	Not established.
Sodium Tripoly-phosphate	7758-29-4	5 – 10 %	15 mg / m 3	10 mg / m 3
Sodium Metasilicate	6834-92-0	5 - 10 %	Not established.	Not established.
Trisodium Phosphate	10101-89-0	3 – 7 %	Not established.	Not established.
d- Limonene	5989-27-5	1 - 5 %	Not established.	Not established.

SECTION III - PHYSICAL DATA

Physical State: GRANULAR SOLID.
Specific gravity: NOT AVAILABLE.
pH: 12.50 (10% solution)
Odour and appearance: FINE, FREE-FLOWING ORANGE POWDER, CITRUS FRAGRANCE.
Odour threshold: Not available.
Vapour pressure (mm Hg): Not applicable.
Vapour density (air = 1): Not applicable.
Evaporation rate (water = 1): Not applicable.
% volatile by volume: 4 %.
Solubility in water: SOLUBLE.
Boiling Point (C⁰): Not applicable.
Freezing Point (C⁰): Not applicable.
Coefficient of water/oil distribution: Not applicable.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NO **Flash Point (C⁰) and method:** NONE.
Upper flammable limit: Not applicable. **Lower flammable limit:** Not applicable.
Autoignition temperature: Not applicable **Flammability classification:** Not applicable.
Conditions of flammability: NONE.
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special fire fighting procedures: COOL FIRE – EXPOSED CONTAINERS WITH WATER FOG. FIRE FIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS.
Hazardous combustion products: OXIDES OF CARBON.
Sensitivity to mechanical impact: NOT SENSITIVE
Sensitivity to static discharge: NOT SENSITIVE

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SECTION V - REACTIVITY DATA

Is the product stable? YES

Incompatible substances: STRONG ACIDS AND OXIDIZERS

Conditions of Reactivity: NONE

Hazardous decomposition products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON.

SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INGESTION, INHALATION.

Irritant: YES - MODERATE Carcinogen: NO - IARC / NTP

Sensitizer: YES - SKIN Mutagen: NO

Reproductive effects: NONE KNOWN Synergistic products: NONE KNOWN

Effects of acute exposure: EYE IRRITATION, REDNESS, TEARING. RESPIRATORY TRACT IRRITATION IF INHALED. GASTROINTESTINAL IRRITATION, BURNS TO MUCOUS MEMBRANES NAUSEA AND DIARRHEA IF SWALLOWED.

Effects of chronic exposure: PROLONGED OR REPEATED CONTACT WITH SKIN MAY RESULT IN IRRITATION, REDNESS AND DERMATITIS.

SECTION VII - PREVENTION MEASURES

Gloves: CHEMICAL RESISTANT.	Respirator: NOT NORMALLY REQUIRED.	Eye protection: SAFETY GLASSES OR GOGGLES.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.	Other requirements: EYE WASH STATION.

Engineering Controls: MECHANICAL VENTILATION NOT REQUIRED.

Respiratory protection: DO NOT BREATHE DUSTS.

Leak or spill procedures: VENTILATE AREA AND REMOVE SOURCES OF IGNITION. SWEEP UP SPILLED MATERIAL FOR REUSE OR PLACE IN A PROPERLY MARKED CONTAINER FOR PROPER DISPOSAL.

Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

Handling and storage requirements: STORE IN A COOL, DRY PLACE AWAY FROM HEAT OR OPEN FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

Special shipping information: NOT CONTROLLED UNDER T.D.G.

SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

Skin: WASH AREA WITH WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. GIVE PERSON 1 – 2 GLASSES OF WATER. DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY A PHYSICIAN OR POISON CONTROL CENTRE. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON.

Inhalation: REMOVE PERSON TO FRESH AIR.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEETS, CCOHS.

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