

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: SAFETY FIRST ARP
Product Use: CITRUS BASED CLEANER
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	ACGIH TLV	OSHA PEL
Triethanolamine	102-71-6	1 - 5. %	.5 mg/m3	Not established.
d- Limonene	5989-27-5	5 - 10 %	Not established.	Not established.
Ethoxylated alkyl amine	68478-95-5	1 - 5 %	Not established.	Not established..
Sodium metasilicate	6834-92-0	1 - 5 %	Not established.	Not established.
Diethanolamine	111-42-2.	1 - 5 %	2 mg/m3	Not established

SECTION III - PHYSICAL DATA

Physical State: LIQUID **Specific gravity:** .995 **pH:** 11.0 – 12.0
Odour and appearance: CLEAR TO HAZY ORANGE LIQUID, CITRUS FRAGRANCE.
Odour threshold: Not available.
Vapour pressure (mm Hg): Not available. **Vapour density (air = 1):** Not available.
Evaporation rate (water = 1): >1 **% volatile by volume:** 6.0 %.
Solubility in water: Soluble.
Boiling Point (C °): Not available. **Freezing Point (C °):** Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: YES - COMBUSTIBLE LIQUID.
Flash Point (C °) and method: 56 ° C CLOSED CUP.
Upper flammable limit: Not available. **Lower flammable limit:** Not available.
Autoignition temperature: Not available.
Flammability classification: WHMIS CLASS B - COMBUSTIBLE LIQUID.
Conditions of flammability: KEEP AWAY FROM HEAT AND OPEN FLAME.
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special fire fighting procedures: COOL FIRE – EXPOSED CONTAINERS WITH WATER FOG. FIREFIGHTERS 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

SECTION IV - REACTIVITY DATA

Is the product stable: YES **Incompatible substances:** STRONG OXIDIZERS AND ACIDS. **Conditions of Reactivity:** EXCESSIVE HEAT AND OPEN FLAME.
Hazardous decomposition products: OXIDES OF CARBON

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SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION, INGESTION. Irritant: YES
Carcinogen: NO – IARC, NTP, OSHA Mutagen: NO
Sensitizer: Triethanolamine and d' Limonene are reported to be skin sensitzers.
Reproductive effects: NONE KNOWN Synergistic products: NONE KNOWN
Effects of acute exposure: Eye contact: MILD TO MODERATE EYE IRRITATION AND REDNESS. Ingestion: GASTROINTESTINAL IRRITATION, NAUSEA, CRAMPS, VOMITING.
Effects of chronic exposure: Skin contact: PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE REDNESS, DRYNESS AND IRRITATION.
Inhalation: NONE KNOWN UNDER NORMAL USE.

SECTION VII - PREVENTION MEASURES

Gloves: CHEMICAL RESISTANT.	Respirator: WEAR A NIOSH APPROVED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED.	Eye protection: SAFETY GLASSES OR GOGGLES.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: PROTECTIVE CLOTHING.	Other requirements: EYEWASH STATION

Engineering Controls: LOCAL VENTILATION RECOMMENDED.
Respiratory protection: USE WITH ADEQUATE VENTILATION.
Leak or spill procedures: VENTILATE AREA AND REMOVE SOURCES OF IGNITION. CONTAIN SPILL. SOAK UP ON INERT ABSORBENT MATERIAL AND PLACE IN A PROPERLY LABELED CONTAINER FOR DISPOSAL OR FLUSH AWAY WITH WATER.
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: TDG EXEMPT.

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 WITH SOAP AND WATER. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION. Inhalation: MOVE TO FRESH AIR. Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. RINSE MOUTH WITH WATER AND GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING UNLESS TOLD TO DO SO BY A PHYSICIAN OR POISON CONTROL CENTRE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET.
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