

# MATERIAL SAFETY DATA SHEET

**PRODUCT IDENTIFIER – Citrus Power**  
**SECTION 1 – PRODUCT IDENTIFICATION AND USE**

**Code: D-127**

Product Use: CLEANER/DEGREASER  
Supplier: AALADIN SUPERIOR CLEANING SYSTEMS  
Address: 2 - 893 Redonda St. Winnipeg, MB R2C 2Z2  
Telephone: (204) 663-6618  
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**SECTION 2 – HAZARDOUS INGREDIENTS**

<b>Ingredients</b>	<b>CAS Number</b>	<b>Weight %</b>	<b>LD50</b>
TERPENE	5989-27-5	10 TO 15	ORAL RAT 4,400 MG/KG
ALKYL AMINE	102-71-6	0 TO 5	ORAL RAT 482 MG/KG
SODIUM XYLENE SULFATE	1300-72-7	0 TO 5	NOT LISTED
BUTYL CELLOSOLVE	111-7602	0 TO 6	ORAL RAT 470 MG/KG

**SECTION 3 – PHYSICAL DATA**

Physical State: LIGUID  
Specific gravity: APPROX 1.0  
PH (5 % solution): ALKALINE  
Odor and appearance: PLEASANT SCENT OF CITRUS, Light Red-Orange Opaque Solution  
Odor threshold: 50 PPM  
Vapor pressure (mm Hg): N.E.  
Vapor density (air =1): <1  
Evaporation rate (water = 1): >1  
% Volatile by volume: 90 TO 97  
Solubility in water: COMPLETE  
Boiling Point (&): ABOVE 100 C  
Freezing Point (C<sup>0</sup>): APPROX 0  
Coefficient of water/oil distribution: N/A

**SECTION 4 – FIRE AND EXPLOSION DATA**

Flammable or combustible: FLAMMABLE IF HEATED IN CONTAINED SPACE (FUMES)  
Flashpoint and method: BOILS BEFORE FLASH  
Upper flammable limit: 10.6 (COMPONENT)  
Lower flammable limit: 1.1 (COMPONENT)  
Auto ignition temperature: BOILS BEFORE FLASH  
Flammability classification: 1  
Conditions of flammability: HEATED MATERIAL WILL RELEASE FLAMMMABLE FUMES  
Means of extinction: COOL DRUMS WITH WATER, use dry chemical foams to douse fires, hALON GAS  
Special firefighting instructions: USE FULL SCUBA GEAR, BE ALERT FOR ERUPTIONS OF FLAMMABLE GAS FROM HEATED DRUMS.

**SECTION 5 – REACTIVITY DATA**

Is the product stable: YES  
Incompatible substances: STRONG ACIDS, PEROXIDES,  
Conditions of Reactivity: PHYSICAL CONTACT INCOMPATIBLE SUBSTANCES. DECOMPOSITION PRODUCTS ARE OXIDES OF CARBON, NITROGEN, SODIUM, AND SULFUR

## SECTION 6 – TOXICOLOGICAL PROPERTIES

Primary routes of exposure: MOST COMMON EPOSURE IS SKIN ABSORPTION

Exposure Limits: 2,500 MG/KG IS THE COMPOSITE LD50

Irritant: NO

Carcinogen: NO

Sensitizer:NO

Mutagen: NO

Reproductive effects: NONE NOTED Synergistic Materials; SODIUM NITRITE, NITROSATING AGENTS

Effects of acute exposure: DEHYDRATED TISSUE, SKIN, GUMS, ETC. THE EYE WOULD BE REDDENED, AND MIGHT TEAR FROM EXPOSURE TO MISTED PRODUCT.

## SECTION 7 – PREVENTION MEASURES

Gloves WATERPROOF Respiratory Protection: mask for mists Eye protection; splash guard

Footwear; WATERPROOF Clothing; REMOVABLE Other Requirements: EYEWASH BOTTLE/STATION

Engineering Controls: GOOD VENTILATION

Leak or spill procedures: STOP LEAK, REMOVE IGNITION SOURCES, INCREASE VENTILATION, RETURN AS MUCH PRODUCT AS POSSIBLE TO CONTAINER, THEN ABSORB REMAINDER FOR LATER DISPOSAL. WASH EFFECTED AREA WITH POTABLE WATER/

Waste disposal: OBEY ALL PERTINENT GOVERNMENT REGULATIONS/

Handling and storage requirements: COOL, DARK, and WELL VENTILATED LOCATION

Special shipping information: NONE A DILUTED WATER SOLVENT SOLUTION

## SECTION 8 – FIRST AID MEASURES

Eyes: USE EYEWASH FOR AT LEAST 10 MINUTES, REMOVE ALL CONTACT LENSES, IF IRRITATION CONTINUES SEEK MEDICAL ATTENTION.

Skin: WASH WITH WARM WATER TILL ITCHING EASES, IF IRRITATION CONTINUES SEEKS MEDICAL ATTENTION

Ingestion: SEEK MEDICAL HELP AT ONCE. DO NOT INDUCE VOMITING.

Inhalation: REMOVE TO CLEAR AIR, AND IF COUGHING CONTINUES SEEK MEDICAL ATTENTION.

## SECTION 9 – PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEETS, CCINFO, ACGIH, and NIOSH.

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