

Health	3
Flammability	4
Reactivity	0

**MATERIAL SAFETY DATA SHEET**  
 (Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor)  
 Form approved OMB No. 1218-0072  
 OSHA 174 - Sept 1985

Health	3
Flammability	4
Reactivity	0

IDENTITY:

**CLEANS-RITE**  
**AIR INTAKE CLEANER**  
 PART #'s: 2018-20 oz.  
 0832- 8 oz.

Marketer's Name Must Appear Below		DOT Shipping - Consumer Commodity ORM-D	
Manufacturer's Name Castle Products Inc.		Emergency Telephone Number (216) 467-4195	
Address 235 Surrey Run		Telephone Number for Information (716) 631-5216	
Williamsville, NY 14221		Date Prepared 7/19/93	Checked <input checked="" type="checkbox"/>

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Names(s))	OSHA PEL	ACGIH TLV	STEL	% (optional)
*Acetone (67-64-1)	750	750	1000	10-20
Diacetone Alcohol (123-42-2)	50	50	-	1-10
*Methanol (67-56-10)	200	200	250skin	1-10
*Xylene (1330-20-7)	100	100	150	20-30
*Toluene (108-88-3)	100	100	150	20-30
Naphtha (64742-95-6)	-	100	-	1-10
Trimethylbenzene (25551-13-7)	25	25	-	0.5-1.0
Propane/Isobutane/n-Butane (74-98-6)	1000	1000	Asphyxiant	20-30

Acceptable ceiling concentration for toluene- -300ppm; max peak above ceiling- -8hr shift- -500ppm.

Technical grade xylene contains 18-20% ethyl benzene (100-41-4) which has 100ppm PEL, 100ppm TLV, 125ppm

STEL, and is subject to the reporting requirements of Section 313 of SARA Title III.

\*All chemical compounds marked with an Asterisk(\*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

**Section III - Physical/Chemical Characteristics**

Boiling Point Range	-40°F to 289°F	Specific Gravity (H <sub>2</sub> O = 1)	0.8
Vapor Pressure PSIG @ 70°F	ND	Melting Point PH Liquid	NA
Vapor Density (AIR = 1) Heavier than Air	4.0	Evaporation Rate (Butyl Acetate = 1)	>1
Solubility in Water	NIL	Appearance and Odor	Clear/Solvent

**Section IV - Fire and Explosion Hazard Data NFPA 308 Rating: 3**

Flash Point (Method Used)	-142°F ICC	Flammable Limits	LEL 1.8	UEL 9.5
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Extinguishing Media Use water fog, dry chemical or carbon dioxide

Special Fire Fighting Procedures  
Aerosol cans may rupture when heated

Unusual Fire and Explosion Hazards  
Heated cans may burst

Stability	Unstable		Conditions to Avoid
	Stable	X	High Temperatures

Incompatibility (Materials to Avoid)  
 Incompatible with strong oxidizers, alkalis, strong mineral acids.

Hazardous Decomposition or Byproducts  
 In fire, will decompose to carbon dioxide, water, aldehydes.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	X	None

**Section VI - Health Hazard Data**

Route(s) of Entry: Inhalation?  Yes  No Skin?  Yes  No Ingestion?  Yes  No

Health Hazards (Acute and Chronic)  
 May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible.  
 Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system.  
 Aspiration hazard if swallowed. Eye and skin irritant. Eye irritation may be severe.  
 May irritate respiratory tract.  
 Overexposure to toluene may cause nasal and brain damage.  
 Diacetone alcohol may cause anemia. Skin absorption is possible.  
 Methanol may cause blindness or death if swallowed.

Carcinogenicity: NTP?  IARC Monographs?  OSHA Regulated?

Contains a substance or substances known to the state of California to cause cancer or reproductive harm.

Signs and Symptoms of Exposure  
 Inhalation - Difficulty in breathing. Skin-redness. Ingestion-vomiting.

Medical Conditions  
 Generally Aggravated by Exposure: Heart Disease; Respiratory Disorders.

Emergency and First Aid Procedures  
 Give oxygen - Do not induce vomiting - Gastric lavage - Wash eyes and skin with water.

**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled:  
 Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

Waste Disposal Method  
 Dispose as hazardous waste in accordance with EPA RCRA.

Precautions to be Taken in Handling and Storing  
 Keep away from heat, sparks, or open flame. Store at temperatures below 120°F.

Other Precautions When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)  
 Self contained breathing apparatus if above TLV limit exceeding.

Ventilation	Local Exhaust	Yes	Special	None
	Mechanical (General)	None	Other	None

Protective Gloves: None required if spraying  
 Eye Protection: Wear eye protection

Other Protective Clothing or Equipment  
 Long sleeve and long pants

Work/Hygienic Practices: Do not smoke while using. Wash hands after use.