

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: ArenaKleen®
MSDS NUMBER: AK0401-08
EFFECTIVE DATE: May 13, 2014
TRADE NAME: ArenaKleen®
CHEMICAL NAME: N/A

2. COMPOSITION

Synthetic blend of extremely purified, severely hydrotreated branched alkanes and alkylated organic compounds

FORMULA: Non-hazardous, organic blended dust suppressant

3. HAZARD IDENTIFICATION

Generally Non-Hazardous.

May cause skin irritation, drying, and/or cracking.

Prolonged exposure to mist may cause eye irritation, redness, swelling.

Ingestion hazard is nonexistent for small quantities.

Extreme overexposure or consumption of large quantities may cause diarrhea.

4. FIRST AID

Eyes: flush with water

Skin: flush with water,

Inhaled: breathe fresh air,

Ingested: drink water, call physician, do not induce vomiting.

5. FIRE SAFETY MEASURES

Flash point 351°F (177°C). OSHA Flammability Class: Not applicable.

This material may burn but will not ignite easily. Use dry chemical, carbon dioxide, foam or water spray for firefighting.

The products of degradation are less toxic than the product itself. These products are carbon oxides and water.

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6. ACCIDENTAL RELEASE

Contain spill, absorb with sand, clay, etc. Keep sources of ignition away. Dispose of in accordance with local disposal regulations for non-hazardous material. Floor may be slippery. Do not cut, grind, or weld empty containers that have contained this product unless and until thoroughly cleaned. Clean-up crews should wear protective gear (gloves, long sleeves, goggles, masks, etc).

7. HANDLING & STORAGE

Keep covered, sealed, store in cool dry location. Use with adequate ventilation. Do not use near fire or flame.

8. EXPOSURE CONTROL & PERSONAL PROTECTION

Respiratory protection:	None required for most operations. If respiratory irritation is experienced, use an air-purifying respirator
Ventilation:	Good general ventilation should be sufficient for most conditions
Eye protection:	Chemical goggles or full face shields
Skin protection:	Chemically impervious gloves.

Storage and handling facilities should have a water source available for washing skin and eyes in the event of exposure.

9. PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT:	510°F (266°C)
AUTOIGNITION TEMP:	700°F (371°C)
VAPOR PRESSURE:	<1 mm Hg
SPECIFIC GRAVITY:	0.83-0.89
SOLUBILITY:	Insoluble
VOLATILITY:	Nil
APPEARANCE:	Watery clear liquid
ODOR:	None
pH:	Not Applicable

10. STABILITY & REACTIVITY

Stable, non-reactive, non-corrosive, non-oxidizer, non-hazardous
Avoid contact with strong oxidizing agents

11. TOXICOLOGICAL INFORMATION & EFFECTS OF OVEREXPOSURE

Non-toxic, may be slight eye irritant, may cause slight skin irritation, extreme inhalation or ingestion may cause nausea or diarrhea.

Under normal use, testing on rats and rabbits has shown this product to be non-toxic and non-hazardous.

- Oral Toxicity (rats): Practically non-toxic [LD50 greater than 2000mg/kg]
- Dermal Toxicity (rabbits): Practically non-toxic [LD50 greater than 2000mg/kg]
- Inhalation Toxicity (rats): Non applicable – harmful concentrations of mist or vapor are unlikely through any customary or reasonably foreseeable handling or use of this product.

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The components of this product:

- a. Do not require OSHA Hazard cancer warning
- b. Not listed on the National Toxicology Program Annual Report
- c. Not classified by IARC as carcinogens
- d. Not classified by ACGIH as suspected human or animal carcinogens
- e. Contain no components on any of the following regulatory lists:
IARC, NTP Carcinogen, EPCRA CA Prop 65, MA RTK, NJ RTK, PA RTK

12. ECOLOGICAL INFORMATION

Product does not bioaccumulate. Products of degradation are carbon oxides and water. The products of degradation are less toxic than the product itself.

ECOTOXICITY

This material is not expected to be harmful to aquatic organisms.

BIOCONCENTRATION INFORMATION

This material is not expected to be readily biodegradable.

13. DISPOSAL

Absorb spills with sand or clay. Dispose of waste as per local regulations for non-hazardous material.

14. TRANSPORT INFORMATION

D.O.T. HAZARD CLASSIFICATION: None, Non-regulated.

TDG CLASSIFICATION: None, Not regulated.

IATA CLASSIFICATION: None, Not Regulated.

IMOC: None, Not regulated.

15. REGULATIONS

HAZARDOUS SUBSTANCE PER 40CFR 116:

None

D.O.T. PLACARDS:

None required

POISON CONSTITUENT PER 40CFR 173:

None

UN/NA CODE:

Not applicable

REPORTABLE QUANTITY:

Not applicable

OSHA HAZARD CLASS:

Non OSHA hazardous per
29CFR 1910

EPA SARA TITLE III:

None

ODS (40CFR82 Clean Air Act)

None

NON RESTRICTED FOR INTERNATIONAL ROAD, AIR, SEA TRANSPORT (NO IATA#)

16. OTHER INFORMATION

HMIS HAZARD RATINGS: Reactivity = 0, Flammability = 1, Health = 0

Hazard Rating Scale:

0 = insignificant, 1 = slight, 2 = moderate, 3 = high, 4 = extreme

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