

MATERIAL SAFETY DATA SHEET

INTERNATIONAL WATER CUT OFF

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: INTERNATIONAL WATER CUT OFF

General or Generic ID: SYNTHETIC RUBBER SOLUTION

Company

Ashland Chemical Co.
P.O. Box 2219
Columbus, OH 43216
614-790-3333

Emergency Telephone Number:

1-800-ASHLAND (1-800-274-5263)
24 hours everyday

Regulatory Information Number:

1-800-325-3751

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient (s)	CAS Number	% (by weight)
SYNTHETIC RUBBER BLEND		83.0- 87.0
ALIPHATIC PETROLEUM DISTILLATES	64742-89-8	13.0- 17.0
QUARTZ	14808-60-7	0.1- 2.5
XYLENE	1330-20-7	1.4

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

Exposure can cause eye irritation. Symptoms may include stinging, tearing, redness, and swelling.

Skin

Exposure can cause skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, skin burns and skin damage.

Swallowing

Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

Inhalation

Exposure to vapor or mist is possible.

Symptoms of Exposure

Gastrointestinal irritation (nausea, vomiting, diarrhea), irritation (nose, throat, respiratory tract), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), shortness of breath, and death.

Target Organ Effects

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals, and may aggravate pre-existing disorders of these organs in humans: mild, reversible liver effects, cardiac sensitization, effects on hearing, kidney damage.

Developmental Information

This material (or a component) has been shown to cause birth defects in laboratory animal studies. The relevance of these findings to humans is uncertain.

Cancer Information

The International Agency for Research on Cancer (IARC) has determined that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and that there is limited evidence of the carcinogenicity of crystalline silica to humans. IARC class 2A.

Other Health Effects

No data

Primary Route (s) of Entry

Inhalation, Skin contact.

4. FIRST AID MEASURES**Eyes**

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing

Do not induce vomiting. This material is an aspiration hazard. If individual is drowsy or unconscious, place on left side with the head down. Seek medical attention. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

Note to Physicians

Inhalation of high concentrations of this material as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material.

5. FIRE FIGHTING MEASURES

Flash Point

50.0 F (10.0 C) TCC

Explosive Limit

(for product) Lower .9

Autoignition Temperature

No data

Hazardous Products of Combustion

May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Fire and Explosion Hazards

Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Extinguishing Media

Regular foam, carbon dioxide, dry chemical.

Fire Fighting Instructions

Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating

Health – 1, Flammability – 2, Reactivity – 0

6. ACCIDENTAL RELEASE MEASURES

Small Spill

Absorb liquid on vermiculite, floor absorbent, or other absorbent material and transfer to hood. Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks.

Large Spill

Eliminates all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five gallon pails and larger metal containers including tank cars and tank trucks should be grounded and/or bonded when material is transferred.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

Skin Protection

Wear resistant gloves such as: nitrile rubber. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protections

If workplace exposure limit (s) of product or any component is exceeded (see exposure guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

Engineering Controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV (s).

Exposure Guidelines

Component

SYNTHETIC RUBBER BLEND

No exposure limits established

ALIPHATIC PETROLEUM DISTILLATES (64742-89-8)

No exposure limits established

QUARTZ (14808-60-7)

OSHA VPEL 0.100 mg/m³ – TWA Respirable dust.

ACGIH TLV 0.100 mg/m³ – TWA (this TLV is for the respirable fraction of dust)

XYLENE (1330-20-7)

OSHA VPEL 100.000 ppm – TWA

OSHA VPEL 150.000 ppm – STEL

ACGIH TLV 100.000 ppm – TWA

ACGIH TLV 150.000 ppm – STEL

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

(for product) 240.0 F (115.5 C) @ 760 mmHg

Vapor Pressure

(for product) 45.000 mmHg @ 78.00 F

Specific Vapor Density

3.800 @ AIR=1

Specific Gravity

1.680 – 1.300 @ 77.00 F

Liquid Density

10.192 lbs/gal @ 77.00 F

1.680 kg/l @ 25.00 C

Percent Volatiles

15.0 -20.00 %

Evaporation Rate

9.20

Appearance

No data

State

SEMILIQUID

Physical Form

PASTE

Color

GRAY; ALIPHATIC SOLVENT ODOR

Odor

No data

PH

Not applicable

10. STABILITY AND REACTIVITY

Hazardous Polymerization

Product will not undergo hazardous polymerization.

Hazardous Decomposition

May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Chemical Stability

Stable

Incompatibility

Avoid contact with: strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

No data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATION

Waste Management Information

Destroy by liquid incineration in accordance with applicable regulations.

14. TRANSPORT INFORMATION

DOT Information – 49 CFR 172.101

DOT Description:

ADHESIVES,3,UN1133,III

Container/Mode:

55 GAL DRUM/TRUCK PACKAGE

NOS Component:

None

RQ (Reportable Quantity) – 49 CFR 172.101

Not applicable

15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (UNITED STATES) The intentional ingredients of this product are listed.

CERCLA RQ – 40 CFR 302.4

Component

RQ (lbs)

XYLENES (O-, M-, P- ISOMERS)

1000

SARA 302 Components – 40 CFR 355 Appendix A

None

Section 311/312 Hazard Class – 40 CFR 370.2

Immediate (X) Delayed (X) Fire (X) Reactive () Sudden Release of
Pressure ()

SARA 313 Components – 40 CFR 372.65

Section 313 Component (s)	CAS Number	Max %
XYLENE (MIXED ISOMERS)	1330-20-7	1.38

International Regulations

Inventory Status

Not determined

State and Local Regulations

California Proposition 65

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: this product contains the following substance (s) known to the state of California to cause cancer.

QUARTZ
BENZENE

New Jersey RTK Label Information

NAPHTHA, SOLVENT	64742-89-8
XYLENES	1330-20-7

Pennsylvania RTK Label Information

BENZENE, DIMETHYL-	1330-20-7
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16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.