

# AG CLEAN 80%

## ORANGE LIMONENE ASPHALT EXTRACTANT

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** AG Clean 80% Orange Limonene Asphalt Extractant

**DATE PREPARED:** 07/01/2017

**SUPERCEDED DATE:** 9/1/2023

**PRODUCT NUMBER:** 562

**PRODUCT FAMILY:** Asphalt Extractant

**MANUFACTURER:** Industrial Chemical Solutions

4025 Highway 35 North

Columbia, MS 39429

(601) 522-2997

**INFORMATION:** Product Research and Development Department

**EMERGENCY TELEPHONE NUMBER:** CHEMTREC 1-800-424-9300 Intl. +1 703-527-3887

### 2. HAZARD IDENTIFICATION

**SIGNAL WORD:** DANGER

**HAZARD CLASSIFICATION:** Irritant to eyes and skin

**POTENTIAL HEALTH EFFECT:** Irritant to eyes, skin and lungs

**ROUTE OF EXPOSURE:** Skin contact, ingestion, inhalation

**GHS HEALTH CLASSIFICATION:** Flammable Liquid 4; Eye irritation 2A ;Skin irritation 2

**GHS LABEL ELEMENTS:**

**H227** - Combustible liquid

**H315** - Causes skin irritation

**H317** - May cause an allergic skin reaction

**P301+P330+P331** - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

**P305+P351+P338** - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do - continue rinsing.

**P337+P313** - IF eye irritation persists: Get medical advice/attention.

**P280** - Wear protective gloves/protective clothing/eye protection/face protection.

**P302+352** - IF ON SKIN: wash with plenty of water.

**P333+313** - IF SKIN irritation occurs: Get medical advice/attention.

**P310** - Immediately call a POISON CENTER or doctor/physician.

**P501** - Dispose of content/container in accordance with local/national regulations.

Pictogram



### 3. COMPOSITION IDENTIFICATION

**INGREDIENTS:**

Proprietary

**C.A.S. NUMBER:**

Proprietary

**PERCENT:**

Proprietary

#### 4. FIRST AID MEASURES

**SKIN CONTACT:** Wash exposed skin thoroughly with soap and water or safety shower. Remove any contaminated clothing. Seek medical attention or advice.

**EYE CONTACT:** Flush eyes with an eyewash station for several minutes. If irritation occurs, seek medical attention.

**INGESTION:** Flush mouth. Do NOT induce vomiting. Seek medical assistance immediately.

**INHALATION:** Move person to fresh air. Give oxygen or artificial respiration as needed. Seek medical assistance.

#### 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:** Flammable

**SUITABLE EXTINGUISHING MEDIA:** Dry chemical, foam or carbon dioxide, water spray

**UNSUITABLE EXTINGUISHING MEDIA:** Not established

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** Not established

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** Wear approved self-contained breathing apparatus and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Avoid contact with eyes and skin. Spill area will be slippery. Wear proper protective equipment when dealing with spills or release.

**ENVIRONMENTAL PRECAUTIONS:** Contain spill to avoid release to the environment. Keep container closed and located in containment area.

**METHODS FOR CONTAINMENT AND CLEAN-UP:** Dike and contain spill. Collect liquid with an inert absorbent and transfer to container for reuse or disposal.

#### 7. HANDLING AND STORAGE

**HANDLING:** Handle with care and avoid contact with skin and eyes. Always wear protective equipment. Wash thoroughly after handling.

**STORAGE:** Avoid release to the environment. Store in approved containers.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**THRESHOLD LIMIT VALUE (TLV):** AIHA WEEL 8-hr TWA (limonene) 30 ppm

**ENGINEERING CONTROLS:** Ventilation equipment is required if mist levels are high.

**EYE/FACE PROTECTION:** Chemical goggles and full face shield

**SKIN PROTECTION:** Chemical resistant gloves, apron and boots

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**VISCOSITY:** Not established

**APPEARANCE:** Clear orange

**RELATIVE DENSITY:** 7.09 lbs/gal

**SPECIFIC GRAVITY:** 0.85

**ODOR:** Natural citrus

**SOLUBILITY:** Emulsifies

**BOILING POINT:** 338°F

**VAPOR PRESSURE:** Not established

**VAPOR DENSITY:** Not established

**FREEZING POINT:** 32°F

**DECOMPOSITION TEMPERATURE:** Not established

**PARTIAL COEFFICIENT N-OCTANOL/WATER:**  
Not established

**EVAPORATION RATE:** < 1

**FLASH POINT:** 142°F

**LOWER FLAMMABILITY/EXPLOSIVE LIMIT:** None known

**UPPER FLAMMABLE/EXPLOSIVE LIMIT:** None known

**AUTO-IGNITION TEMPERATURE:** None known

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** No unusual conditions

**INCOMPATIBLE MATERIALS:** Strong acids, soft metals; do NOT mix with other chemicals.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and dioxide from thermal decomposition.

## 11. TOXICOLOGICAL INFORMATION

**EYE IRRITATION/CORROSION:** Irritant

**EFFECTS OF SHORT-TERM EXPOSURE:** Irritant

**INGESTION:** Harmful if swallowed

## 12. ECOLOGICAL IDENTIFICATION

**ECOTOXICITY:** Marine pollutant

**PERSISTENCE AND DEGRADABILITY:** 92.7% in 21 days per method CEC L33T82

**BIOACCUMULATION/ACCUMULATION:** Not established

## 13. DISPOSAL CONDITIONS

THIS MATERIAL WHEN DISCARDED IS A HAZARDOUS WASTE DEFINED BY 40 CFR 261. MATERIALS ARE TO BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

## 14. TRANSPORTATION INFORMATION

**GROUND SHIPPING INFORMATION:** UN, Not applicable

**WATER SHIPPING INFORMATION:** UN, Not applicable

**AIR SHIPPING INFORMATION:** UN, Not applicable

## 15. REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS:**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components listed on TSCA inventory.

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

**313 REPORTABLE INGREDIENTS:**                      **C.A.S. NUMBER:**                      **PERCENT:**

Proprietary

Proprietary

Proprietary

**STATE REGULATIONS:** California Proposition 65 - This product does not contain any chemicals currently listed.

**INTERNATIONAL REGULATIONS:** Not determined

**SECTION 15 NOTES:** None

## 16. OTHER INFORMATION

**PHONE NUMBER:** (601) 522-2997

**DATE OF PREPARATION:** 10/5/2016

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