

AG CLEAN 100%

ORANGE LIMONENE ASPHALT EXTRACTANT

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: AG Clean 100% Orange Limonene Asphalt Extractant

DATE PREPARED: 07/01/2017 **SUPERCEDED DATE:** 9/1/2023

PRODUCT NUMBER: 563

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 or rash 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

PARTICAL 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:

Proprietary

C.A.S. NUMBER:

Proprietary

PERCENT:

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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