

CSH Plus

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CSH Plus (Cottonseed hull and Cellulose blend)
PRODUCT CODES: Byproduct (Organic Natural Fiber)

MANUFACTURER: ICT Oilfield Products
ADDRESS: 601 Underwood
Littlefield, TX 79339

PHONE NUMBER: 806-385-0260
FAX NUMBER: 806-385-0421
OTHER CALLS: 713-652-6602

PREPARED BY: Richard Tock P.E.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Natural Agricultural by-product powder mixed in a proprietary formulation with natural fiber dense, woody material, fibrous in texture

Hazardous Ingredients: None

SECTION 3: HAZARDS IDENTIFICATION

Material is light to dark tan with a distinctive biomass phenolic odor. Avoid airborne dust. Avoid ignition sources. Provide ventilation. Avoid breathing dust.

Potential Health Effects

EYE: Solids or dusts may cause irritation or scratch the surface of the eye.

SKIN: N/A

INGESTION: N/A

INHALATION: Potential respiratory tract irritation

CHRONIC HEALTH EFFECTS: None Known

SARA: This material is not considered hazardous

SECTION 4: FIRST AID MEASURES

EYES: Flush with water

SKIN: Wash thoroughly with soap and water.

INGESTION: N/A

INHALATION: Remove to fresh air. Call physician if irritation persists

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: water spray, carbon dioxide, or chemical powder. Fight large fires with water sprays

SPECIAL FIRE FIGHTING PRODEDURES: Biomass dust is a strong explosion hazard if a dust cloud is formed and the dust contacts an ignition source. Partially burned dust is especially hazardous when dispersed in air. Dust can be removed from air with water sprays. High humidity reduces the likelihood of ignition of airborne dust.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Vacuum or sweep up spills for recovery and disposal. Maintain good ventilation, but avoid force air, which can cause the product to become airborne. Recovered material should be placed in covered containers.

WASTE DISPOSAL METHODS: Incinerate or remove to sanitary landfill.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store and handle in any environment away from ignition sources.

OTHER PRECAUTIONS: Avoid extremely hot dry storage areas and any contact with compresses oxygen, chemical oxidizers and strong mineral acids. Partially burned or scorched dust is hazardous in storage. Auto-ignition can develop at 400F to 500F.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: local exhaust - nuisance dust levels.

RESPIRATORY PROTECTION: Approved dust respirator.

PROTECTIVE GLOVES: Cotton gloves recommended.

EYE PROTECTION: Wear safety glasses or full goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Clean work clothing. Workers should Follow good housekeeping and work hygienic practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A

MELTING POINT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

SPECIFIC GRAVITY: (H₂O =1) 1.1 t 1.2

SOLUBILITY IN WATER: Generally insoluble

ODOR: Phenolic odor

APPERANCE: Light to Dark tan fibrous and granular solids

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: (Conditions to Avoid) Excessive heat, ignition sources

INCOMPATIBILITY: NONE

HAZARDOUS DECOMOSTION: Combustion will cause toxic fumes and gases such as carbon monoxide, formaldehyde, etc.

HAZARDOUS POLYMERIZATION: Will not occur

STABILITY: Stable

SECTION 11: TOXICOLOGICAL INFORMATION

Toxic Substance Control Act (TSCA): Natural Cotton byproduct is an organic product and not subject to TSCA requirements.

SECTION 12: ECOLOGICAL INFORMATION

Non-hazardous, Always comply with Federal, State and Local environmental regulations.

SECTION 13: DISPOSAL CONSIDERATIONS

Dipose of waste material according to local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT: Not Regulated NMF CLASSIFICATION: Class 55

SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION

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