

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: YC-Type 90 Hop Pellets
CHEMICAL NAME: Pellets made from ground raw hop cones.
CHEMICAL FAMILY: Raw Hop Cones

Hops fall under recognition by GRAS basis the general provisions of CFR 21, Part 182, Sec. 182.1.

SECTION II - MATERIAL or COMPONENTS

COMPOSITION: A solid pellet composed of ground hops, produced by pelleting milled whole hop cones.
HAZARDOUS COMPONENTS: Not Applicable
Product is natural, unrefined and contains no additives.

SECTION III - PHYSICAL DATA

BOILING POINT: Not Applicable; Solid
FREEZING POINT: Not Applicable; Solid
VAPOUR PRESSURE: Not Applicable; Solid
VAPOUR DENSITY: Not Applicable; Solid
SOLUBILITY IN WATER: Insoluble
APPEARANCE & ODOUR: Green pellets with a herbal, pungent odor.
SPECIFIC GRAVITY AT 30% : Not Applicable; Solid
PERCENT VOLATILE by VOLUME: < 5%
EVAPORATION RATE: Not Applicable; Solid

SECTION IV - FIRE & EXPLOSION

FLASH POINT: Not Applicable
EXTINGUISHING MEDIA: Water, CO2
SPECIAL FIRE FIGHTING PROCEDURES: None Required
UNUSUAL FIRE & EXPLOSION HAZARDS: Spontaneously combustible when hot and wet or over dry (< 8% moisture) in an open container.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not Established
ORAL INGESTION: Not applicable – Food additive, very bitter therefore unpalatable.
EYE CONTACT: May be a mild irritant.
SKIN CONTACT: Prolonged contact could cause dermatitis in some individuals.
INHALATION: Not Volatile; not considered a primary route of contact.

EMERGENCY FIRST AID:

ORAL INGESTION: Not Applicable
EYE CONTACT: Wash with copious amounts of water.
Seek medical attention if irritation persists.
SKIN CONTACT: Wash with warm, soapy water.
Seek medical attention if irritation persists.
Launder contaminated clothing before reuse.
INHALATION: Remove affected person to fresh air.
Administer oxygen if necessary.

SECTION VI - SPILL or LEAK PROCEDURE

Steps to be taken in case material is released or spilled: Scoop/shovel spilled material into recovery container. Flush area with hot soapy water to remove final traces. Use adequate ventilation or a respirator if in a confined area.

SECTION VII - SPECIAL PROTECTION

PROTECTIVE GLOVES: Rubber (optional)
EYE PROTECTION: Safety Glasses (optional)
RESPIRATORY: Filter Mask (optional)