



Chicory extract

Product Identification

Product name	Chicory extract
Product Code	PS-NA0015
RTECS	GC9160000
TSCA	TSCA 8(b) inventory: Chicory Extract Powder
CI#	Not available
Chemical Name	Cichorium intybus
Chemical Formula	Not available

Emergency information

24 HOUR EMERGENCY NUMBER	CHEMTREC 1-800-424-9300
--------------------------	-------------------------

Composition Information

Composition	C.A.S.#	% By weight
Chicory Extract Powder	68650-43-1	100

Toxicological Data on Ingredients: Not applicable

Hazards Identification

Potential Acute Health Effects

Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation

Potential Chronic Health Effects

carcinogenic effects: not available. mutagenic effects: not available. teratogenic effects: not available. developmental toxicity: not available. repeated or prolonged exposure is not known to aggravate medical condition

First Aid

eye contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs
skin contact	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used
Serious Skin Contact	Not available
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention
Serious Inhalation	Not available
ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband
Serious Ingestion	Not available

Fire Fighting Measure

Flammability of the Product	May be combustible at high temperature
auto ignition temperature (°c)	Not available
flash point (°c), method	Not available
upper flammable limit (% vol)	Not available
lower flammable limit (% vol)	Not available
hazardous combustion products	Not available
Fire Hazards in Presence of Various Substances	Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available
extinguishing media	small fire: use dry chemical powder. large fire: use water spray, fog or foam. do not use water jet
Special Remarks on Fire Hazards	Not available
Special Remarks on Explosion Hazards	Not available

Accidental Release Measure

Leaks and Spills	Avoid creating dust. Vacuum/shovel up and transfer into a drum for reuse or disposal. Do not allow product to enter sewers or waterways. Wear protective clothing during cleanup.
-------------------------	---

Handling and Storage

handling procedures

Avoid creation of respirable dust. Avoid contact with eyes and skin. Avoid inhalation and ingestion. Use under well ventilated conditions. If airborne dust is generated, eliminate all sources of ignition that may come into contact with the dust. Wash skin thoroughly after handling and before eating or smoking. Wash with soap and water. Use good industrial hygiene practices in handling this material.

storage needs

Do not store in open, unlabeled or mislabeled containers. Keep container tightly closed. . Keep away from ignition sources: flames, pilot lights, electrical sparks, and sparking tools. Store in a cool, dry, well-ventilated area.

Exposure Controls/Personal Protection

ventilation requirements

Local ventilation may be required during certain operations to maintain concentrations below recommended exposure limits.

protective equipment

eye/type

Safety glasses with sideshields

respiratory/type

nuisance dust respirator

gloves/ type

Wear protective gloves. PVC or Neoprene rubber

clothing/type

No special protective clothing is required

Physical and Chemical Properties

physical state

Solid

odour

Characteristic

Taste

Not available

Molecular Weight

Not available

Color

Brown

pH (1% soln/water):

Not available

boiling point (°c)

>100°C (212°F)

Melting Point

Not available

Critical Temperature

Not available

specific gravity

Not available

Vapor Pressure

Not applicable

Vapor Density

Not available

Volatility

Not available

Odor Threshold

Not available

Water/Oil Dist. Coeff.

Not available

Ionicity (in Water)

Not available

Dispersion Properties

See solubility in water

Solubility Soluble in cold water, hot water

Stability and Reactivity

hazardous polymerization Will not occur

chemical stability Stable

incompatibility Reactive with oxidizing agents

conditions to avoid Excess heat, ignition sources, incompatible materials

Instability Temperature Not available

Toxicological Information

Routes of Entry Inhalation. Ingestion

Toxicity to Animals LD₅₀ Not available, LC₅₀: Not available

Chronic Effects on Humans Not available

Other Toxic Effects on Humans Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation

Special Remarks on Toxicity to Animals Not available

Special Remarks on Chronic Effects on Humans May cause adverse reproductive effects (female fertility - post implantation mortality) based on animal data

Special Remarks on other Toxic Effects on Humans Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: Dust may cause eye irritation. Ingestion: Swallowing this material during normal handling is not likely to be harmful. Swallowing large amounts may be harmful. May cause digestive tract irritation. Inhalation: This material may produce dust. May cause respiratory tract irritation. Breathing small amounts of this material during normal handling is not likely to be harmful. The toxicological properties of this substance have not been fully investigated

Ecological Information

Ecotoxicity Not available

BOD5 and COD Not available

Products of Biodegradation Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise

Toxicity of the Products of Biodegradation Not available

Special Remarks on the Products of Biodegradation Not available

Disposal Considerations

waste disposal Dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations.

Transport Information

DOT Classification	Not a DOT controlled material (United States)
Identification	Not applicable
Special Provisions for Transport	Not applicable

Regulation Information / HMIS rating

Federal and State Regulations	TSCA 8(b) inventory: Chicory Extract Powder			
Other Regulations	EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.			
WHMIS (Canada)	Not controlled under WHMIS (Canada)			
DSCL (EEC)	This product is not classified according to the EU regulations. Not applicable			
HMIS (U.S.A.)	Health 1	Flammability 1	Reactivity 0	Personal protection E
National Fire Protection Association (U.S.A.)	Health 1	Flammability 1	Reactivity 0	

Personal protection: Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses

Other Information

Disclaimer

Kama pigments, expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from your local Kama pigments Sales Office.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Kama pigments makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Kama pigments' control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.



KAMA
PIGMENTS