

SAFETY DATA SHEET

Product name Brown AS
Creation date 2000年6月20日
Revision date 2026年2月2日

(1) CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name	Brown AS
Name of manufacturer	Tenma Factice Mfg. Co. LTD.
Name of section	Head office
Address	21-27, Furuichi-1-chome, Joto-ku, Osaka 536-0001, Japan
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(2) Hazards identification

Class name of hazardous chemicals for SDS in Japan.
GHS Classification Not Classified

(3) COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Compound	Substance
Common chemical name or general name	Sulfur factice
Synonym(S)	Vulcanized vegetable oils
Cas No.	68153-37-7
Content	100%
Notice through official file number	8-379
Chemical formula	Not identified
UN Class and UN No.	Not applicable
Hazardous Ingredients	Contains 1.0% or less of "sulfur (as free sulfur)" (substance subject to notification under the Safety and Health Act)

(4) FIRST-AID MEASURES

After inhalation	Arrange medical examination and treatment as soon as possible.
After skin contact	Wash the affected area with soap water.
After eye contact	Gently rinse the affected eyes with clean water.
After swallowing	Induce vomiting, if person is conscious. Seek medical help.

A brief description of the most important symptoms and effects

This substance is considered to have the same risk or safety as crosslinked rubber (eraser, industrial supplies such as sheets and hoses) powder.

(5) FIRE-FIGHTING MEASURE

Extinguishing
Specific hazards with regard to fire-fighting
Protection for firefighters

Water, dry chemical powder, carbon dioxide, foam or dry sand.
High concentrations of sulfur oxides (SO_x), which cause anterior eye and airway damage to the human body, are generated.
Sulfur oxides will form upon combustion, and firefighters should wear protective equipment.

(6) ACCIDENTAL RELEASE MEASURES

Personal precautions
protective equipment and
emergency procedures
Environmental precautions
Methods and materials for
neutralization, containment
and cleaning up

Wear protective clothes while the work.
Avoid entering the river or affecting the environment.
Sweep up diffused spillage and place in empty container.

(7) HANDLING AND STORAGE

Handling
Storage

Handle similarly to the vulcanized rubber powder.
Store in a cool, dry location, and keep away from all sources of ignition or sunlight.

(8) EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection
Hand protection
Eye protection
Skin and body protection

Wear appropriate respiratory protection.
Wear appropriate protective gloves.
Wear appropriate eye protection (e.g. A pair of goggles).
Wear appropriate protective clothing and safety shoes.

(9) PHYSICAL AND CHEMICAL PROPERTIES

Physical state, form
Appearance
Color
Odor
Melting point / Freezing point
Boiling point or initial
boiling point
Flammability
Lower and upper explosion
limit / flammability limit
Flashpoint
Auto-ignition temperature
Decomposition temperature

Solid
Powder-grain
Brown
Characteristic odor
Not applicable
Not applicable
No data
Not applicable
>200°C
>300°C
>300°C

pH	Not applicable
Kinetic viscosity	Not applicable
Solubility	Insoluble (20°C)
n-octanol / water partition coefficient	Not applicable
Vapor pressure	Not applicable
Density	1.04±0.02[g/cm ³ (20°C)]
Relative gas density	Not applicable
Particle characteristics	No data

(10) STABILITY AND REACTIVITY

Chemical stability	Stable in the air at the normal temperature. It is stable and poorly reactive under normal storage conditions, but slow color fading is observed when exposed to sunlight. In addition, decomposition may be observed when more than one year has passed since production, or in the presence of high humidity or an oxidizing agent.
Hazardous Reaction Potential	Combustion produces sulfur oxides (SO _x) that cause anterior eye and airway damage to the human body.
Conditions to avoid	Product quality may be affected under hot and humid conditions.
Hazardous decomposition products	No data
Possibility of hazardous reactions	No data

(11) TOXICOLOGICAL INFORMATION

Acute toxicity	Not available
Skin corrosive / irritation	Not available
Serious eyes damage /Eyes irritation	Not available
Respiratory organs sensitization	Not available
Original generative cell variation	Not available
Carcinogenicity	Not available
Reproduction toxicity	Not available
Specification target internal organs / Whole toxicity (single revelation)	Not available
Specification target internal organs/whole toxicity (repeat revelation)	Not available
Aspiration hazard	Not available

(12) ECOLOGICAL INFORMATION

Ecotoxicity	No data
Persistent / degradable	It slowly spontaneously decomposes in the environment, and its product is considered to have no hazard.
Bioaccumulative	No data

Mobility in soil	No data
Hazardous to the ozone layer	Not available

(13) DISPOSAL CONSIDERATIONS

Residual waste	In accordance with the Waste Management and Public Cleansing Act, it will be disposed of as industrial waste or waste plastic.
Packaging materials	Please dispose of this product as industrial waste (used paper) in accordance with waste disposal and cleaning laws.

(14) TRANSPORT INFORMATION

U. N. No.	Not applicable
Land Transportation	Not regulated in Japan
Maritime Transportation	Not regulated in Japan
Air Transportation	Not regulated in Japan

(15) REGULATORY INFORMATION

Waste Disposal and Public Cleansing Law	Article 1, paragraph 2 of the Enforcement Regulations
Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (CSCL)	Not applicable to specified chemical substances, monitoring chemical substances, or priority assessment chemical substances.
Pollutant Release and Transfer Registry (PRTR)	Contains no designated chemicals
Industrial Safety and Health Law	Article 57-2 "Sulfur(As free-sulfur)"
Fire Service Law	Not applicable
Water Pollution Control Law	Enforcement Order Article 3-4, item 7 "Animal and vegetable oils".
Notes	Anyone who handles, stores, uses or disposes of this product should be aware of any local regulations, etc., in the relevant area.

(16) OTHER INFORMATION

This "SDS" is based on relevant information which has been available, and subject to change by new knowledge.

Though Tenma factice Mfg. take special care for description in "SDS", no warranty is intended.