

SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT CODE:**PRODUCT NAME: BTLD Clay****COMPANY IDENTIFICATION**

Company name	BTL Diffusion SAS
Address	14 Chemin des Vaux, 78490 Galluis, France
Telephone	01 80 09 11 00
Department	Research and Development section
Person in charge	Rafi Lankry
E-mail	contact@btl-diffusion.com
Recommended use of product and restrictions on use	Production of handcraft work and accessories
Country of manufacturing	Japan

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**PHYSICAL HAZARDS**

Explosives	:	Not classified
Flammable gases	:	Not classified
Flammable aerosols	:	Not classified
Oxidizing gases	:	Not classified
Gases under pressure	:	Not classified
Flammable liquids	:	Not classified
Flammable solids	:	Not classified
Self-reactive substances and mixtures	:	Not classified
Pyrophoric liquids	:	Not classified
Pyrophoric solids	:	Not classified
Self-heating substances and mixtures	:	Not classified
Substances and mixture which, in contact with water, emit flammable gases	:	Not classified
Oxidizing liquids	:	Not classified
Oxidizing solids	:	Not classified
Organic peroxides	:	Not classified
Corrosive to metals	:	Not classified

HEALTH HAZARDS

Acute toxicity(oral)	:	Not classified
Acute toxicity(skin)	:	Not classified
Acute toxicity (inhalation: gas)	:	Not classified
Acute toxicity (inhalation: dust)	:	Not classified
Acute toxicity (inhalation: mist)	:	Not classified
Skin corrosion / irritation	:	Not classified
Serious eye damages / eye irritation	:	Not classified
Respiratory sensitization	:	Not classified
Skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified

Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
Specific target organ toxicity [single exposure]	:	Not classified
Specific target organ toxicity [repeated exposure]	:	Not classified
Aspiration hazard	:	Not classified

ENVIRONMENTAL HAZARDS

Aquatic toxicity (acute)	:	Not classified
Aquatic toxicity (chronic)	:	Not classified
Harmful effect on the ozone layer	:	Not classified

GHS LABEL ELEMENTS INCLUDING: PRECAUTIONARY STATEMENTS

SYMBOL	:	-
SIGNAL WORD	:	-
HAZARD STATEMENT	:	-

PRECAUTIONARY STATEMENTS

[Prevention]	:	Wear safety glasses, a mask for organic gas and gloves if necessary. Wash your hands after handling.
[Response]	:	Use CO ₂ , foam or dry chemical powder in case of fire. If in eyes: rinse with water for 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention immediately. If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing. If on skin: wash with plenty of soap and water. If swallowed: rinse mouth with water. Get medical attention if needed.
[Storage]	:	Store in cool and dark space (5~40°C)
[Disposal]	:	Disposal of contents / container to waste in accordance with local / regional / national / international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS**SUBSTANCE/MIXTURE:**

Component	Content (%)	Cas No.
Talc	4.0	14807-96-6
Copolymer of Vinylidene chloride and acrylonitrile	6.0	25214-39-5
Poly ester fiber	3.0	65996-61-4
Polyvinyl alcohol	4.1	25213-24-5
Carboxymethyl cellulose	4.2	9004-32-4
Sorbitol	2.0	50-70-4
Sodium salt of C13-17-sec-alkanesulfonic acids	0.65	85711-69-9
Water	76	7732-18-5
Bronopol	≤0.05	52-51-7
Thiabendazole	≤0.053	148-79-8

4. FIRST AID MEASURES

- IF IN EYES : Flush eyes thoroughly with lot of water. If pain or redness occurs, get medical attention
- IF ON SKIN : Wash with plenty water or warm water. If pain or any change on appearance occurs get medical attention. Surface active agent may be irritating.
- IF INHALED : If start feeling ill when inhaled gases from the products, immediately move to the fresh air area and rest. Get medical attention if needed.
A material in products contains small iso-butane.
- IF SWALLOWED : Wash inside of mouth with water. If possible, drink a lot of water and induce vomiting. Get medical attention if needed.

5. FIRE-FIGHTING MEASURES

- SUITABLE EXTINGUISHING MEDIA : Water, carbon dioxide, foam, powder and others
- UNSUITABLE EXTINGUISHING MEDIA : none
- SPECIFIC EXTINGTION METHOD : Take regular method
- SPECIAL PROTECTIVE FOR FIRE-FIGHTERS : Ware self-contained breathing apparatus and other protective equipment.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES : If at indoor, ventilate enough during work.
Ware protective equipments (groves, glasses and breathing apparatus etc.), if needed.
Preparation fire extinguishers for fire.
- ENVIROMENTAL PRECAUTIONS : Be careful to avoid spillage flows into rivers.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP RECOVERY AND NEUTRALIZATION MEASURES TO PREVENT SECONDARY DISASTER : If not danger, stop leak.
Ground all of used appliances.
Scrape up or suction cleaning
Promptly remove all sources of ignition in the vicinity.
Prepare fire extinguishers in case the ignition.

**7. HANDLING AND STORAGE
HANDLING**

- TECHNICAL MEASURE (LOCAL-VENTILATION/WHLE-VENTILATION) : Take measures of as described in chapter "8. EXPOSURE CONTROLS / PERSONAL PROTECTION" and ware an appropriate protective equipment.
- NOTES : Thoroughly ventilated.
Wear appropriate protective equipment (glasses, gloves, etc.).
Place local ventilation or wear protective mask if vapor or mist is generated.

CONTACT EVASION	:	Refer to "10. STABILITY AND REACTIVITY".
HYGIENE MEASURES	:	Wash hands thoroughly after handling.
STORAGE		
APPROPRIATE SAFEKEEPING	:	Store in cool and dark space (5~40°C).
CONDITION	:	After using, stored in sealed.
PACKAGING MATERIALS	:	Containers accepted Fire & Disaster Management Act and UN regulation should be used.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL LIMIT	:	Not set
OCCUPATIONAL	:	Japan Society for Occupational Health: Not set
EXPOSURE LIMITS	:	ACGIH: Not set
FACILITY AND	:	Provide shower and eye washer at place where is stored
EQUIPMENT MEASURES	:	and handled this material.
PERSONAL PROTECTIVE EQUIPMENT		
Respiratory protection	:	Wear respiratory protective device (chemical-cartridge respirator for organic gas, air-line respirator, etc.).
Hand protection	:	Wear greaseproof protective gloves.
Eye protection	:	Wear safety goggles (normal glasses type, goggle type, etc.).
Skin and body protection	:	Wear personal protective equipment (antistatic type) and protective shoes (antistatic type).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical condition	:	Solid
Color	:	white
Odor	:	Characteristic odor
pH	:	6-7 (1+100 water solution)
Freezing point	:	Not applicable
Boiling point	:	Not applicable
Flash point	:	Not applicable
Explosion properties	:	Not applicable
Vapor pressure	:	Not applicable
Specific gravity	:	0.35-0.4
Solubility	:	Soluble and dispersible in water
Octanol/water partition coefficient	:	Not applicable
Autoignition temperature	:	Not applicable
Decomposition temperature	:	Not applicable

10. STABILITY AND REACTIVITY

REACTIVITY	:	No information
STABILITY	:	Stable for normal storage and handling.
POSSIBILITY OF HAZARDOUS	:	No observation
REACTIONS		
CONDITIONS TO AVOID	:	Low temperature (and under 5°C) and high temperature (and above 40°C).
INCOMPATIBLE MATERIALS	:	No observation
HAZARDOUS DECOMPOSITION	:	No observation
PRODUCTS		

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY [ORAL]	:	No data
ACUTE TOXICITY [SKIN]	:	No data
ACUTE TOXICITY [INHALATION]	:	No data
SKIN CORROSION/IRRITATION	:	No data
SERIOUS EYE DAMAGE/EYE IRRITATION	:	Sodium salt of C13-17-sec-alkanesulfonic acids: category 2A Cut-off value / concentration limit $\geq$ 1.0%
RESPIRATORY OR SKIN SENSITIZATION	:	No data
GERM CELL MUTAGENICITY	:	No data
CARCINOGENICITY	:	No data
REPRODUCTIVE TOXICITY	:	No data
SPECIFIC TARGET ORGAN TOXICITY [SINGLE EXPOSURE]	:	No data
SPECIFIC TARGET ORGAN TOXICITY [REPEATED EXPOSURE]	:	No data
ASPIRATION HAZARD	:	No data

12. ECOLOGICAL INFORMATION

ECOTOXICITY	:	No data
DEGRADABILITY AND PERSISTENCE	:	No data
BIOACCUMULATION POTENTIAL	:	No data
MOBILITY IN SOIL	:	No data
HARMFUL EFFECT ON THE OZONE LAYER	:	No data

13. DISPOSAL CONSIDERATION

THE REMAINDER WASTE	:	Disposal of the remainder to waste in accordance with local / regional / national / international regulations.
POLLUTION CONTAINER AND PACKING	:	Disposal of container to waste in accordance with local / regional / national / international regulations.

**14. TRANSPORT INFORMATION
INTERNATIONAL REGULATIONS**

UN number	:	Not applicable
Hazard class	:	Not applicable
Packing Group	:	Not applicable
Special precaution	:	Avoid impact, which causes breakage of packing.

15. REGULATORY INFORMATION

The evaluation of chemical substances and regulation of their manufacture, etc. (JAPAN)	:	Not applicable
Industrial Safety and Health act (JAPAN)	:	Not applicable
Fire and Disaster Management act (JAPAN)	:	Not applicable
Poisonous and Deleterious Substances control act (JAPAN)	:	Not applicable

16. OTHER INFORMATION

REFERENCES

1. Japan chemical industry association, “GHS correspondence guideline (2012)”
2. National institute of technology and evaluation, “Chemical Risk Information Platform(CHRIP)”
<http://www.safe.nite.go.jp/japan/db.html>
3. National Institute of Health Sciences (NIHS), “International Chemical Safety Cards (ICSC) -Japanese Version-
<http://www.nihs.go.jp/ICSC/>
4. UNITED NATIONS, “GLOVALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OG CHEMICALS (GHS) Rev.4 (2011)

All specifications are to be created based on the information we can get at this time may be revised by new knowledge.

The content, the physic-chemical property and so on are not a guaranteed performance.

Notes are usually aimed at handling. If special handling, usage, please Usage for safety measures.