1: Identification of	of substance / mixture			
1. Product Ident	ifier			Mixture
Product Name	2XYT Broth Granulated			
Product Code	X15680			
CAS Number				
Other Names				
IUPAC				
MFCD Number				
EC/EINECS				
REACH Number			Index-No	
2. Relevant iden	tified uses of the substance of	or mixture and	uses advised against	
Research and De				
3. Details of the	supplier of the safety data sh	eet		
Melford Laborato	ries Ltd			
Bildeston Road,C	Chelsworth			
lpswich				
Suffolk		Telephone:	01449 741178	
IP77LE		Fax:	01449 741217	
		Email:	support@melford.co.uk	
4. Emergency te +44(0)1449 7411	elephone number 78 -			
2. Hazards Ident	ification			
1. Classification	of the substance or mixture			
Non Hazardous				
2. Label elemen	ts			
Non Hazardous				
Hazard Stateme	anto.			
Non Hazardous	ints			
	Dhracco			
Precautionary I Non Hazardous	Inases			
3. Other Hazards	6			
Non Hazardous				
3. Composition /	Information on Ingredients			
1. Substances				
Product Name	На	zards		Concentration
2XYT Broth Granu	ulated			
				<=100%
4. First Aid Meas				
-	first aid measures			
Skin Contact	Wash immediately with plenty of Consult a doctor.	soap and water		
Eye Contact	Bathe the eye with running wate	r for 15 minutes.		
	Consult a doctor.			
Ingestion				

Safety Data Sheet

Web out mouth with water. Consult a doctor. Inhabition Supply fresh air consult a doctor in case of complaints. If breathing becomes bubbly, have the casuality sit and provide oxygen if available. 2. Most important symptoms and effects No data available 3. Indication of any immediate medical attention No data available 5. Firefighting measures 1. Extinguishing Media Suitable Where spray. Order available 2. Special Hazards arising from the substance or mixture In combusion toric fumes may form. Carbon monoxide (CO), Carbon dioxide (CO2) 3. Advice of Fire Fighters Wear self-contained breating appartaus. 6. Accidential Release Measures 1. Personal Precautions Carbon or orivers. 3. Methods & Materials Transfer to a closable, labelied salvage container for disposal by an appropriate method. 4. Preventing the occurrence of secondary hazards. Clean up al spills immediately PPE. 7. Handing and Storage 1. Personal Precautions Safe Handing Safe Handing Preventing the occurrence of secondary hazards. Clean up al spills immediately PPE. 7. Handing and Storage 1. Protection against explavama and fires Safe Handing Conditions for safe storage, including any	Language : English		Safety Data Sheet	Modified: 2023-03-22	
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Maintaining Integrity No special requirements	Managing Storage	Risks Store in cool, we	ell ventilated area.		
	Storage Controls	Keep container t	tightly closed.		
Other advice no further information available	Maintaining Integr	ity No special requi	rements		
	Other advice	no further inform	nation available		

Safety Data Sheet

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

8. Exposure Controls/Personal Protection

1. Control Parameters

No Data Available

2. Exposure Controls	
General protective and hygiene measures	The standard precautionary measures should be adhered to when handling
Engineering measures	Ensure there is exhaust ventilation of the area.
Eye / Face Protection	Safety Glasses with side-shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)
Hand protection	Protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it
Respiratory protection	Respiratory protective device with particle filter. Where risk assessment indicates respiratory protection is required, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Skin protection	Protective clothing. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Other personal protection advice	no data

9. Physical and Chemical Properties

1. Physical and Chemical Properties

Appearance	tan solid
Odour	No Data Available
Odour threshold	No Data Available
PH	No Data Available
Melting point / Freezing point	No Data Available
Initial boiling point and boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability(solid,gas)	No Data Available
Upper/lower flammability or explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour density	No Data Available
Relative density	No Data Available
Solubility(ies):	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	No Data Available
Oxidising properties	No Data Available

2. Other Information

No additional information available

10. Stability and Reactivity

1. Reactivity

No data available

2. Stability

Stable under normal conditions.

3. Possibility of Hazardous Reactions

No data available

4.Conditions to Avoid

No data available

5. Incompatible Materials

Strong oxidizing agents.

6. Hazardous Decomposition Products

In combustion emits toxic fumes. Carbon monoxide (CO), Carbon dioxide (CO2)

11. Toxicology information

1. Information

· mormation	
Acute Toxicity	Component: Sodium Chloride LD50 Oral 3g/kg (Rat) LC50 (Inhalation) 42g/cm3 1h (Rat)
Skin corrosion/irritation	No information available
Serious eye Damage/irritation	No information available
Respiratory or skin sensitisation	No information available
Germ Cell mutagenicity	No information available
Carcinogenicity	No information available
Reproductive toxicity	No information available
STOT-single exposure	No information available
STOT-repeated exposure	No information available
Aspiration hazard	No information available

2. Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

12. Ecological Information

1. Toxicity

Component: Sodium Chloride

Freshwater Fish Pimephals prome: LC50:7650 mg/L/96h

Water Flea EC50: 1000 mg/L/48h

2. Persistence and degradability

No data available

3. Bio-Accumulative Potential

No data available

4. Mobility and Soil

No data available

5. Results of PBT & vPvB assessment

No data available

6. Other adverse effects

No data available

13. Disposal Considerations

1. Waste Treatment Methods

Disposal OperationsConsult state, local or national regulations for proper disposal.Disposal of PackagingDisposal must be made according to official regulations.

14. Transport Information

Air (ICAO)

Not classified as hazardous for transport

Road (ADR)

Not classified as hazardous for transport

Sea (IMDG)

Not classified as hazardous for transport

15. Safety, health, environmental and national regulations

1. Safety, health, environmental and national regulations:

product is not subject to any additional regulations or provisions

2. Safety Assessment

No Chemical Safety Assessment

16. Other Information

1. Other Information:

Safety Data Sheet

ADR: Accord Europeen sur le transport des merchandises Dangereuses par Route(European Agreement concerning the International Carriage of Dangerous Goods by road) RID:Reglement International concernant le transport des merchandises dangereuses par chemin de fer (Regulations concerning the International transport of Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association ICAO:International Civil Aviation Organization ICAO-TI: Technical Instructions by the ICAO GHS: Globally Harmonized System of Classification and Labelling of Chemicals CAS:Chemical Abstracts Service

3. Disclaimer

The product listed is for research and development purposes only and not for human or animal use. As such, in most cases, the toxicological, ecological and physicochemical properties have not been fully determined and the product should be treated with respect and always handled under suitable conditions by appropriately qualified personnel. The responsible party shall use this datasheet only in conjunction with other sources of information gathered by them, and should make an independent judgement of suitability, to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this material safety data sheet, or in combination with any other product or process, is the responsibility of the user.