



Safety Data Sheet

Prepared in accordance with Commission Regulation (EU) 2020/878

Revision Date: 28-06-2023

This document replaces SDS dated: 12-06-2023

TICAMULSION A-2010 POWDER

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Product Name: TICAMULSION A-2010 POWDER

Other means of identification:

Chemical family: No data available

UFI Number:

REACH Registration Number: This product is exempt from REACH

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant identified use: emulsifier

Uses advised against: Not Available

1.3 Details of the supplier of the safety data sheet:

The relevant Ingredion EMEA Company which invoices for the Product – please see Section 16

e-mail address of competent person responsible for the SDS:

Regulatory.emea@ingredion.com

1.4 Emergency telephone number:

EMERGENCY TELEPHONE: +1 703-741-5970 / 1-800-424-9300

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 (CLP): Not classified as hazardous in accordance with CLP

2.2 Label elements:

Hazard pictograms:

No hazard symbols required

Signal word:

No Signal Word needed.

Hazard statements:

No Hazard Statement needed.

Precautionary statements:

No Precautionary Statement needed.

TICAMULSION A-2010 POWDER

Supplemental Hazard information (EU):

No Supplemental Hazard Information available

ADDITIONAL INFORMATION:

Not applicable

% unknown toxicity (Oral):

100 % of the mixture consists of ingredients of unknown toxicity

% unknown toxicity (Dermal):

100 % of the mixture consists of ingredients of unknown toxicity

2.3 Other hazards:

This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m³.

This substance/mixture contains no components considered to be an endocrine-disrupting substance at levels of 0.1% or higher.

Not expected to be PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances:

Not applicable

3.2 Mixtures:

Substance Name	Concentration (% by weight)	CAS No.	EC No. REACH Registration No.	Classification according to Regulation (EC) No 1272/2008 (CLP)	M-factor	SCL	ATE	Nanofor m Material
This product is not classified as hazardous								

For full text of H-statements, see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures:

TICAMULSION A-2010 POWDER

Inhalation:	When symptoms occur; go into open air and ventilate suspected area.
Eye Contact:	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Contact:	Rinse with plenty of water.
Ingestion:	Rinse mouth. Do NOT induce vomiting.
Self protection of the first aider:	No data available

4.2 Most important symptoms and effects, both acute and delayed:

Dust from this product may cause minor eye irritation. Prolonged inhalation of dust may cause respiratory irritation. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

4.3 Indication of any immediate medical attention and special treatment needed:

No additional information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture:

Stable at ambient temperatures and under normal conditions of use. Combustible Dust. Dust explosion hazard in air. Supports combustion at high temperatures. Under conditions of fire this material may produce: Carbon dioxide. Carbon monoxide. Avoid dust clouds in combination with static electricity. Dust clouds can be explosive.

Hazardous combustion products: Carbon monoxide, carbon dioxide.

5.3 Advice for firefighters:

Exercise caution when fighting any chemical fire. Do not allow run-off from firefighting to enter drains or water courses. Do not enter fire areas without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Non-emergency personnel: Non-emergency personnel should be kept clear of the area.

Emergency responders: Use appropriate personal protective equipment (PPE). Evacuate unnecessary personnel. Avoid generating dust. Handle in accordance with good industrial hygiene and safety practice. Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation. Equip cleanup crew with proper protection. Ventilate area.

6.2 Environmental precautions:

Not available

TICAMULSION A-2010 POWDER

6.3 Methods and material for containment and cleaning up:

Collect spillage. Avoid generation of dust during clean-up of spills. Vacuum must be fitted with HEPA filter to prevent release of particulates during clean-up. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry. Prevent entry to sewers and public waters.

6.4 Reference to other sections:

See section 8 for appropriate personal protective equipment. See section 2 and 7 for additional information on hazards and precautionary measures.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Take precautionary measures against static discharge. Handle in accordance with good industrial hygiene and safety procedures.

7.1.1 Recommendations for safe handling:

Prevent handling of incompatible substance or mixtures. Take measures to prevent fire as well as aerosol and dust generation.

7.1.2 Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Keep only in the original container in a cool, well ventilated place away from: Direct sunlight. Heat sources. Keep container closed when not in use. Protect from moisture.

Special Sensitivity:

No special sensitivity.

Other precautions:

None known

Materials to Avoid/Chemical Incompatibility:

Strong acids. Strong bases.

7.3 Specific end use(s):

emulsifier

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Substance Name	United Kingdom - Workplace Exposure Limits (WELs) - TWAs	United Kingdom - Workplace Exposure Limits (WELs) - STELs	United Kingdom - Biological Monitoring Guidance Values
No data available			

This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m³.

DNEL:

None known

TICAMULSION A-2010 POWDER

PNEC:	None known.
8.2 Exposure controls:	
Appropriate engineering controls:	Provide adequate ventilation to minimize dust concentrations. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed.
Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Chemical goggles or safety glasses.
Skin protection:	Skin protection may be required depending on product temperature.
Hand protection:	Wear protective gloves.
Respiratory protection:	Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust are expected to exceed exposure limits.
Thermal hazards:	Not available
Environmental exposure controls:	Avoid runoff into storm sewers and ditches that lead to waterways.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:	Powder.
Colour:	Cream-Light Tan
Odour and odour threshold:	Odourless.
pH:	Not available
pH in (1%) Solution:	Not available
Melting point/freezing point:	
Melting Point:	Not available
Freezing point:	Not available
Boiling point or initial boiling point and boiling range:	Not available
Flash point:	Not applicable
Evaporation Rate:	Not applicable
Flammability:	No
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	Not available
Lower flammability or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Density and/or relative density:	No data available
Solubility:	Soluble

Revision Date: 28-06-2023

This document replaces SDS dated: 12-06-2023

TICAMULSION A-2010 POWDER

Partition coefficient n-octanol/water (log value):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Volatiles:	None
Volatile Organic Chemicals:	Not available
Kinematic viscosity:	Not available
Particle characteristics:	Not applicable
9.2 Other information:	
Molecular Weight:	Not available

SECTION 10: Stability and Reactivity

10.1 Reactivity:	Stable at ambient temperatures and under normal conditions of use.
10.2 Chemical stability:	Stable under normal conditions.
10.3 Possibility of hazardous reactions:	Hazardous polymerization will not occur.
10.4 Conditions to avoid:	Direct sunlight. Extremely high or low temperatures. Protect from moisture. Use good housekeeping practices during storage, transfer, handling, to avoid excessive dust accumulation.
10.5 Incompatible materials:	Strong acids. Strong bases.
10.6 Hazardous decomposition products:	Under conditions of fire this material may produce: Carbon oxides (CO, CO ₂).

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Information on possible routes of exposure:	Eye Contact, Skin Contact, Inhalation, Ingestion.
Target Organs Potentially Affected By Exposure:	None known.
Early onset symptoms related to exposure:	No data available
Toxic Effects:	Not established.

TICAMULSION A-2010 POWDER

Exposure levels and health effects:

Acute toxicity:

Ingestion Toxicity: Based on available data, the GHS classification criteria are not met.
 Acute toxicity - Dermal: Based on available data, the GHS classification criteria are not met.
 Inhalation Toxicity: Based on available data, the GHS classification criteria are not met.

Skin corrosion/irritation:

Rinse with plenty of water. Unlikely to cause harmful effects under recommended conditions of handling and use.

Serious eye damage/irritation:

Based on available data, the GHS classification criteria are not met.

Respiratory sensitisation:

Based on available data, the GHS classification criteria are not met.

Skin sensitisation:

Based on available data, the GHS classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the GHS classification criteria are not met.

Reproductive Toxicity:

Based on available data, the GHS classification criteria are not met.

Carcinogenicity:

Based on available data, the GHS classification criteria are not met.

Specific Target Organ Toxicity (STOT)-single exposure:

Based on available data, the GHS classification criteria are not met.

Specific Target Organ Toxicity (STOT) -repeated exposure:

Based on available data, the GHS classification criteria are not met.

Aspiration hazard:

Based on available data, the GHS classification criteria are not met.

Endocrine disrupting properties:

None of the components have endocrine disrupting properties.

Numerical measures of toxicity (such as acute toxicity estimates):

Substance Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
There is no known toxicity data available for the components or the product.			

SECTION 12: Ecological information

12.1 Toxicity: No information available.

Ecological Toxicity Data:

Substance Name	CAS No.	Aquatic LC50 Fish	Aquatic ERC50 Algae	Aquatic EC50 Crustacea
No data available				

12.2 Persistence and degradability: No data available

TICAMULSION A-2010 POWDER

- 12.3 Bioaccumulative potential:** No data available
- 12.4 Mobility in soil:** Unknown
- 12.5 Results of PBT and vPvB assessment:** Not expected to be PBT or vPvB.
- 12.6 Endocrine disrupting properties:** None known.
- 12.7 Other adverse effects:** None known.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods:** Waste disposal should be in accordance with existing Community, National and local regulations.
- Empty container warnings:** Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

SECTION 14: Transport Information

- 14.1 UN number:** Not applicable
- 14.2 UN proper shipping name:** Not Applicable
- 14.3 Transport hazard class(es):** Not Applicable
- 14.4 Packing group:** Not Applicable
- Toxic Inhalation Hazard Zone:** No data available
- 14.5. Environmental hazards:** No data available
- 14.7 Maritime transport in bulk according to IMO instruments:** No data available
- 14.6 Special precautions for user:** Consult IMO regulations before transporting in bulk by ocean.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Substance Name	EINECS	SVHC
No data available		

- 15.2 Chemical Safety Assessment:** No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

TICAMULSION A-2010 POWDER

SECTION 16: Other information

Revision Date:	06-28-2023
Indication of changes:	None Known
Abbreviations and acronyms:	CAS = Chemical Abstract Service DNEL= Derivative No Effect Level EC= European Community EINECS = European Inventory of Existing Chemical Substances MSHA = Mine Safety Health Administration NIOSH = National Institute of Occupational Safety & Health OEL = Occupational Exposure Limit PBT= Persistent, Bioaccumulative, Toxic PNEC= Predicted No Effect Concentration SCOEL= Scientific Committee on Occupational Exposure Limits TLV = Threshold Limit Value TWA= Time Weighted Average vPvB= Very Persistent, Very Bioaccumulative Wt.% = Weight Percent
References and sources of data:	Classification according to Regulation (EC) 1272/2008 (CLP), as amended and Regulation (EC) 1907/2006 (REACH), as amended
Hazard statements:	No Hazard Statement needed.
Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:	

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Not available	Not available

Precautionary statements: No Precautionary Statement needed.

Products are manufactured in accordance with EU Law, unless expressly agreed to otherwise, in writing, by the relevant Ingredion company referred to below. The information on the safety data sheets is provided for the purposes of a general health and safety assessment by an industrial user (the "User"). Reference should also be made by the User, to any other specific relevant local or national health, safety, environmental or other applicable legislation, including any import or export regulations relevant to the country in which the User operates - the User will need to check this information for itself. The information provided by the relevant Ingredion company referred to below, does



Safety Data Sheet

Prepared in accordance with Commission Regulation (EU) 2020/878

Revision Date: 28-06-2023

This document replaces SDS dated: 12-06-2023

TICAMULSION A-2010 POWDER

not constitute indication of suitability for specific uses, nor is it legal advice given to the User.

This document is issued on behalf of the Ingredion EMEA Company which is the Supplier invoicing for the Product. The respective details of each of the relevant Supplier companies are as follows:

Ingredion UK Limited; Ingredion House, Manchester Green, 339 Styal Road; Manchester M22 5LW; England; P: +44 (0) 161 435 3200; F: +44 (0) 161 435 3300; Registered in England No. 07315745

Ingredion Germany GmbH; Grüner Deich 110; 20097 Hamburg; Germany; P: +49 (0) 40 23 91 50; F: +49 (0) 40 23 91 51 70; Amtsgericht Hamburg HRB 105432

Ingredion South Africa (Pty) Ltd; Infinity Office Park, Suite 6, Block C, 2 Robin Close, Meyersdal, 1448, Gauteng; RSA; P: +27 (0) 11 867 9260; F: +27 (0) 11 867 9271; Registration number 2010/013219/07

Ingredion Middle East Branch; Office 03B, Dubai, Dubai Biotechnology and Research Park, Dubai, United Arab Emirates; P: +971 44 53 4288

Rafhan Maize Products Co. Ltd. Rakh Canal East Road PO Box 62, Faisalabad 38060, Punjab, PAKISTAN T: 92-41-854-0121 F: 92-41-871-1016