

# SAFETY DATA SHEET

## DISPERSO 212

### SECTION 1: Identification

**Product name** : Disperso 212  
**Chemical Name** : Disperso 212  
**Other means of identification** : Disperso 212  
**Product type** : Liquid

**Relevant identified uses of the substance or mixture and uses advised against**

#### Uses advised against

**Reason** : The supplier has no experience or data on this use

**Details of the supplier of the safety data sheet**

**Supplier's details** : Advanced Watertek Industries LLC  
 Ras Al Khor  
 Dubai  
 United Arab Emirates  
**Telephone number** : +971-4-3333100 Fax: +971-4-3332570  
**Emergency telephone number** : +971-4-3333100

### SECTION 2: Hazards identification

**Classification of the substance or mixture** : Not Classified

**GHS label elements**

**Signal word** : No Signal word.

**Hazard Statements** : No known significant effect or critical hazard.

**Precautionary statements**

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand  
**Prevention** : Not applicable.  
**Response** : Not applicable.  
**Storage** : Not applicable.  
**Disposal** : Not applicable.

**Other hazards which do not result in classification** : Exposure to decomposition products may cause a health hazard.

### SECTION 3 : Composition/information on ingredients

**Substance/mixture** : Mixture  
**Chemical name** : Disperso 212  
**Other means of identification** : Disperso 212

CAS number/other identifiers  
 Product Code : 1000414,19286,18164,18153,18073,17152,18336

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.  
 Occupational exposure limits, if available, are listed in section 8.

## **SECTION 4: First aid measures**

### Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove Any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a Position Comfortable for breathing. Get medical attention if Symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not Induce vomiting unless directed to do so by medical Personnel. Get medical attention if symptoms occur.

### Most important symptoms and effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Over – exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of any immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment Specialist immediately if large quantities have been Ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.
- See toxicological information (section 11)**

## SECTION 5: Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : None known.
- Special hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst
- Hazards thermal decomposition Product** : Decomposition products may include the following materials:  
Carbon monoxide  
Carbon dioxide  
Nitrogen oxides  
Phosphorus oxides  
Phosphine
- Special protective action for firefighter** : Properly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special Protective equipment for firefighter** : Fire fighter should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for firefighters (include helmets, protective boots & gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accident release measure

### Personal precaution, protective equipment and emergency procedures.

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding area. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, tank note of any information in Section 8 on suitable and unsuitable material See also the information "For non –emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drain and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### **Methods and material for containments and cleaning up.**

- Small Spill** : Stop leak if without risk. Move container from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move container from spill area. Prevent entry into sewers, water course, basements or confined area. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

## **SECTION 7: Handling & Storage**

### **Precaution for safe handling.**

**Protective measures** : Put on appropriate personal protective equipment (see section 8)

**Advice on general occupational Hygiene** : Eating, drinking and smoking should be prohibited in this area where this material is handled, stored and processed. Worker should wash hand and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating area. See also section 8 for additional information on hygiene measures.

### **Condition for safe storage, including any incompatibilities**

: Store in accordance with local regulation. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food. Store in accordance with local regulation. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Container that have been opened must be carefully released and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate container to avoid environment contamination.

**Storage Temperature** : Do not store below the following temperature: - 10°C.

## **SECTION 8: Exposure control/personal protection**

### **Control parameters**

**Occupation exposure limits** : None.

**Appropriate engineering control** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure control** : Emission from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some

cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- Hygiene measures** : Wash hand, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## **SECTION 9: Physical and chemical properties**

### Appearance

- Physical state** : Liquid [PALE YELLOW LIQUID]
- Color** : Colorless to light yellow.
- Odor** : Odorless.
- Odor threshold** : Not applicable.
- pH** : 5,4
- Melting point/freezing point** : Not available.
- Initial boiling point and boiling Range** : 100°C (212 °F)
- Flash Point** : Not available.
- Fire point** : Not available.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and Upper explosive (flammable) limits** : **Lower:** Not available.  
**Upper:** Not available.

Vapor Pressure	: Not available.
Vapor density	: Not available.
Relative density	: 1,25 @ 20°C (68 °F)
<b>Solubility</b>	: Miscible in water
Partition coefficient: noctanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: <b>Dynamic</b> : Not available. <b>Kinematic</b> : Not available.

## SECTION 10: Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: This product is stable.
<b>Possibility of hazards reaction</b>	: Under normal condition of storage and use, hazardous reactions will not occur.
<b>Condition to avoid</b>	: Avoid all possible sources of ignition (spark or flame).
<b>Incompatible materials</b>	: Oxidizing material metals acids
<b>Hazardous decomposition product</b>	: Under normal condition of storage and use, hazardous decomposition product should not be produced., May release dangerous gases (PHOSPHINE)under certain conditions.

## SECTION 11: Toxicological Information

### Information on Toxicological effect

#### Acute toxicity

**Conclusion /Summary** : No known significant effects or critical hazards.

#### Irritation/Corrosion

##### **Conclusion/Summary**

**Skin** : Non-irritating to the skin.  
**Eyes** : Non-irritating to the eyes.  
**Respiratory** : Not available.

#### Sensitization

##### **Conclusion/Summary**

**Skin** : No known significant effects or critical hazards.  
**Respiratory** : No known significant effects or critical hazards.

#### Mutagenicity

**Conclusion/Summary** : Conclusive but not sufficient for classification.

**Carcinogenicity**

**Conclusion/Summary** : No known significant effects or critical hazards.

**Reproductive toxicity**

**Conclusion/Summary** : No known significant effects or critical hazards.

**Teratogenicity**

**Conclusion /Summary** : No known significant effects or critical hazards.

**Specific target organ toxicity (single exposure)**

**Specific target organ toxicity (repeated exposure)**

**Aspiration hazard**

**Information on the likely routes of exposure** : Not available.

**Potential acute health effects**

**Eye contact** : No Known significant effect or critical hazards.  
**Inhalation** : Exposure to decomposition product may cause a health hazard. serious effect may be delayed following exposure.

**Skin contact** : No Known significant effect or critical hazards.  
**Ingestion** : No Known significant effect or critical hazards.

**Symptoms related to physical, chemical and toxicological characteristics**

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

**Delayed and immediate effect and also chronic effect from short- and long-term exposure**

**Short term exposure**

**Potential immediate effects** : Not available.  
**Potential delay effect** : Not available.

**Long term exposure**

**Potential immediate effects** : Not available.  
**Potential delay effect** : Not available.

**Potential Chronic health effects**

**Conclusion /Summary** : No Known significant effect or critical hazards.  
**General** : No Known significant effect or critical hazards.  
**Mutagenicity** : No Known significant effect or critical hazards.  
**Teratogenicity** : No Known significant effect or critical hazards.  
**Development effects** : No Known significant effect or critical hazards.  
**Fertility effects** : No Known significant effect or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates** : Not available.  
**Other Information** : Not applicable

## SECTION 12 : Ecological Information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Disperso 212			
<b>Remarks - Acute - Aquatic invertebrates.:</b>	Conclusive but not sufficient for classification.		

**Conclusion/Summary** : Conclusive but not sufficient for clarification.

### Persistence and degradability

**Conclusion /Summary** : No available.

**Conclusion/Summary** : Conclusive but not sufficient for classification.

**Bioaccumulative potential** : No available.

### Mobility in soil

**Soil/water partition coefficient (KOC)** : No available.

**Other adverse effects** : No Known significant effect or critical hazards.

## SECTION 13: Disposal considerations

**Method of Disposal** : The generation of the waste should be avoid or minimize wherever possible. Significant quantities of waste produce residue should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Disposal of surplus and non-recyclable product via a licensed waste disposal contractor. Disposal of this product, solutions and any by-product should all time comply with the requirements of environment protection and waste disposal legislation and any regional local authority requirement. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drain and sewers.

## SECTION 14: Transport information

	UN	IMDG	IATA
UN NUMBER	-	-	-
UN PROPER SHIPPING NAME	Not regulated.	Not regulated.	Not regulated.
Transport hazard class (es)	-	-	-
Packing group	-	-	-
Environment Hazards	No.	No.	No.
Additional information		Marine pollution: NO	

**Special precaution for user** : Not applicable.



**Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Proper shipping name : Not applicable.

**SECTION 15: Regulation information**

**International regulations**

**Chemical Weapon Convention List Schedules I, II & III Chemicals**

**Chemical Weapons Convention List Schedule I Chemicals**

None of the components are listed.

**Chemical Weapons Convention List Schedule II Chemicals**

None of the components are listed.

**Chemical Weapons Convention List Schedule III Chemicals**

None of the components are listed.

**Montreal Protocol (Annexes A, B, C, E)**

None of the components are listed.

**Stockholm Convention on Persistent Organic Pollutants**

**Annex A - Elimination - Production**

None of the components are listed.

**Annex A - Elimination - Use**

None of the components are listed.

**Annex B - Restriction - Production**

None of the components are listed.

**Annex B - Restriction - Use**

None of the components are listed.

**Annex C - Unintentional - Production**

None of the components are listed.

**Rotterdam Convention on Prior Inform Consent (PIC)**

None of the components are listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**

**Heavy metals - Annex 1**

None of the components are listed.

**POPs - Annex 1 - Production**

None of the components are listed.

**POPs - Annex 1 - Use**

None of the components are listed.

**POPs - Annex 2**

None of the components are listed.

**POPs - Annex 3**

None of the components are listed.

**Inventory list**

- Australia** : All components are listed or exempted.
- Canada** : All components are listed or exempted.
- China** : All components are listed or exempted.
- Europe** : All components are listed or exempted.
- Japan** : **Japan inventory (ENCS) : Not determined.**  
**Japan inventory (ENCS) : Not determined.**
- Malaysia** : Not determined.
- New Zealand** : All components are listed or exempted.
- Philippines** : All components are listed or exempted.
- Republic of Korea** : Not determined.
- Taiwan** : All components are listed or exempted.
- Turkey** : Not determined
- United States** : All components are listed or exempted.

## SECTION 16: Other Information

### History

- Date of printing** : 19.11.2010
- Date of issue/Date of revision** : 27.10.2016
- Date of previous issue** : 00.00.0000
- Version** : 1.0

### Key to abbreviations

- : ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- UN = United Nations

### Procedure used to drive the classification

Classification	Justification
Not classification	

- References** : Not available

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or competence of the information contained herein. Final determination of suitability of any material is the sole responsibility of user. All material may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.