

MERAS WATER SOLUTIONS 4213 TECHNOLOGY DR SUITE A, MODESTO CA 95356

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Identifier:** 6210 TURBO LUBE

**Product Code:** 147

**Product Use:** Lubricant

### MERAS WATER SOLUTIONS

4213 Technology Dr Suite A  
Modesto, CA 95356  
(866) 899-9762

**24 Hr. Emergency Tel.#:** 800-262-8200

## SECTION 2 - HAZARDS IDENTIFICATION

**Classification of the Substance or Mixture:**

Eye Irritation - Category 2  
Skin Irritation - Category 2  
Carcinogenicity - Category 2



**Signal Word:** WARNING

**Hazard Statements:**

Causes serious eye irritation  
Causes skin irritation  
Suspected of causing cancer

**Precautionary Statements:**

**Prevention**

Wash hands thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection.  
Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood

**Response**

**IF ON SKIN:** Wash with soap and water.

**IF SKIN IRRITATION OCCURS:** Get medical advice/attention.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**IF EYE IRRITATION PERSISTS:** Get medical advice/attention.

IF exposed or concerned: Get medical advice/attention

Specific treatment (see section 4 First Aid).

**Storage**

Store locked up.

**Disposal**

Dispose of contents/container in accordance with local regulations.

**Hazards not Otherwise Classified:**

No other hazards classified.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Synonym	CAS Number	Concentration
COCAMIDE DIETHANOLAMINE	COCO DEA	68603-42-9	8-10%
DIETHANOLAMINE	DEA	111-42-2	4-6%

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## SECTION 4 - FIRST-AID MEASURES

**Inhalation:** Get medical advice/attention if you feel unwell or are concerned.

**Skin Contact:** Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water with a flushing duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard.

**Eye Contact:** Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.

**Ingestion:** If exposed, if you feel unwell, or if concerned: Call a POISON CENTER/doctor.

**Most Important Symptoms and Effects, both Acute and Delayed:** Contact with skin/eyes may cause irritation or severe burns and scarring with great exposures.

**Indication of any Immediate Medical Attention and Special Treatment Needed:** Treat symptomatically

## SECTION 5 - FIRE-FIGHTING MEASURES

**Extinguishing Media:** Use water spray, powder, foam, carbon dioxide.

**Special hazards arising from the substance or mixture:** No special hazards known

**Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012):** Non flammable

**Hazardous Combustion Products:** Toxic nitrogen oxides, Carbon oxides.

**Special protective equipment and precautions for firefighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** This chemical is non hazardous

**Methods and materials for containment and cleaning up:** SMALL SPILLS (less than 1 gallon): May be flushed to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal. Ensure adequate decontamination of tools and equipment following clean up.

## SECTION 7 - HANDLING AND STORAGE

**Precautions for Safe Handling:** Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

**Conditions for Safe Storage:** Keep product in tightly closed container when not in use. Do not drop, roll or skid drum.

**Incompatible Materials:** Acids, bases and strong oxidizers.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ventilation and engineering measures:** No additional ventilation needed

**Respiratory Protection:** No additional respiratory protection needed

**Skin Protection:** Wear chemical resistant gloves and chemical resistant garments when handling, wash garments before re-use.

**Eye/Face Protection:** Wear safety glasses, goggles and/or face shield to prevent eye contact.

**Other Protective Equipment:** Eye wash facility and emergency shower should be in close proximity.

**General Hygiene Conditions:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

**Exposure Limits:** Diethanolamine (CAS #111-42-2) ACGIH TWS = 1 mg/m<sup>3</sup>, OSHA PEL = 10 mg/m<sup>3</sup>.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Pale yellow, clear liquid

**Odor:** Odorless

**pH:** 9.0-10.0

**Melting/Freezing point:** No information available.

**Initial boiling point and boiling range:** No information available.

**Flammability (solid, gas):** Non flammable.

**Specific gravity:** 1.04 g/mL

**Solubility in water:** Complete

**Decomposition temperature:** No information available.

**Viscosity:** 800-900 cSt at 20°C / 68°F

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## SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** Non reactive

**Chemical Stability:** Stable under normal conditions

**Possibility of Hazardous Reactions:** None known

**Conditions to Avoid:** Incompatible materials

**Incompatible Materials:** Avoid acids or strong oxidizers when using or storing this product.

**Hazardous Decomposition Products:** Carbon oxides and nitrogen oxides

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Routes of entry - Inhalation: NO

Routes of entry - Skin & Eye: YES

Routes of entry - Ingestion: YES

### Potential Health Effects:

#### **Signs and symptoms of short term (acute) exposure:**

**Inhalation:** Not a respiratory irritant.

**Ingestion:** May cause irritation to digestive system

**Skin:** May cause skin irritation including redness, edema, swelling, rash, scaling or blistering, drying and/or cracking of skin.

**Eye:** May cause redness, stinging, tearing, swelling, itching and/or irritation of the eye. Possible eye damage if left untreated.

### Potential Chronic Health Effects:

**Mutagenicity:** No known effects in humans or animals

**Carcinogenicity:** WARNING! Both Cocamide DEA (CAS 68603-42-9/68155-07-7) and Diethanolamine (CAS 111-42-2) are considered "2B-Possibly carcinogenic to humans" by IARC. Diethanolamine (CAS 111-42-5) is considered "A3-Confirmed animal carcinogen with unknown relevance to humans" by ACGIH. Both Cocamide DEA (CAS 68603-42-9/68155-07-7) and Diethanolamine (CAS 111-42-2) are listed in CA Prop 65 as chemicals known to The State of California to cause cancer.

**Reproductive effects:** No known effects in humans or animals

**Sensitization to material:** Not known to cause sensitization in humans or animals

**Toxicological data:** The calculated ATE values for this mixture are:

ATE oral = >10000 mg/kg

ATE dermal = No information available

ATE inhalation = No information available

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and degradability:** Not expected to persist. Readily biodegradable.

**Bioaccumulation potential:** Not expected to bioaccumulate.

**Mobility in soil:** No information available.

**Other adverse effects:** None known.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Handling for disposal:** Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

**Method of disposal:** Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

**RCRA:** Not a listed RCRA hazardous waste.

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### SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

**US 49 CFR/DOT/IATA/IMDG Information:** Non-hazardous material.

**Environmental hazards:** Not a Marine Pollutant

### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

**US CERCLA reportable quantity (RQ):** Non Regulated Material

**SARA Title III:** Not applicable

### SECTION 16 - OTHER INFORMATION

**Legend:**

**SARA:** The Superfund Amendments and Reauthorization Act

**RCRA:** Resource Conservation and Recovery Act

**TSCA:** Toxic Substances Control Act

**CFR:** Code of Federal Regulations

**DOT:** Department of Transportation

**ATE:** Acute Toxicity Estimate

**Revision date:** 9/24/2020