



Safety Data Sheet

No. AP-110
Tackle DRA

*** Section 1 - Product and Company Identification ***

Product Name:	Tackle - DRA
Product Use:	Drift Reduction Agent
Manufacture/Supplier:	Atlantic-Pacific Agricultural Company, Inc.
Company Address:	525 Clubhouse Dr. Peachtree City, GA 30269
Company:	770-629-5514
Web Site:	www.atlantic-pacificag.com
Emergency Phone:	Chemtel, Inc., 1-800-255-3924
International Phone Number:	Chemtel, Inc., +01-813-248-0585

*** Section 2 - Hazards Identification ***

Classification of the substance or mixture: This product is classified and labeled according to Global Harmonized System (GHS)



Signal word (GHS-07)

WARNING

Hazard statements

H320 – Causes eye irritation.
H316 – Causes mild skin irritation.

Precautionary statements

P264 – Wash thoroughly after handling.
P272 – Contaminated work clothing should not be allowed out of the workplace.
P280 – Wear protective gloves and eye/face protection.
P305+P351+P338 – If in eyes: Rinse continually with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing.
P302+P352 – If on skin, wash with plenty of soap and water.
P310 – Immediately call a poison center or doctor/physician.
P333+P313 – If Skin irritated or a rash occurs, get medical advice/attention.
P363 – Wash contaminated clothing before reuse.
P403+P233 – Store in a well-ventilated place. Keep contents tightly closed.
P501 – Dispose of contents/container in accordance with Local/regional/national regulations.



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*** Section 3 - Composition / Information on Ingredients ***

Thus product is labeled with the following GHS classification as it contains substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. This product is a proprietary blend and the ingredients and mixture percentages are being withheld as trade secret.

<u>Ingredient/Chemical Description</u>	<u>Weight %</u>	<u>CAS Number</u>	<u>Notes</u>
Glycol	1.0%	Proprietary	(1) (2)
Diethylene Glycol	1.0%	Proprietary	(1)
Trade Secret	0.10-1.0%	Proprietary	(1)

(1) Substance classified with a health or environmental hazard

(2) Substance with a workplace exposure limit.

*** Section 4 - First Aid Measures ***

Description of First Aid Measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air. Keep patient warm and at rest. If breathing is irregular, or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Skin	Remove contaminated clothes. Wash skin thoroughly with soap and water or use a recognized skin cleaner. Do NOT use solvents or thinners.
Eyes	Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention.
Ingestion	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.

Overview – Most important symptoms and effects, both acute and delayed

Eye	Causes eye irritation.
Skin	Causes mild skin irritation. (Not adopted by U.S. OSHA.)



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*** Section 5 - Fire Fighting Measures ***

- Extinguishing Media:** Recommended Extinguishing Media: Alcohol resistant foam, CO2, powder, water spray. Do not use water jet.
- Specific Hazards:** Combustion may yield smoke, carbon monoxide and other products of incomplete combustion. Oxides of sulfur, nitrogen or phosphorous may also be formed. Avoid breathing dust, fumes, gas, mist, vapors and spray.
- Advice for Firefighters:** Evacuate area. Prevent contamination from run-off of adjacent areas, streams, drinking water and sewers. Do not flush down sewers or other drainage systems. Exposed firefighters must wear standard protective equipment and in enclosed areas self-contained breathing apparatus. Use water-spray to cool fire exposed surface and personnel.

*** Section 6 - Accidental Release Measures ***

- Personal Precautions, Protective Equipment and Emergency Procedures:** Keep all sources of ignition away from spill/release. In case of major spill or spillage in a confined space evacuate the area and check vapor levels.
- Emergency Precautions:** Do not allow spills to enter drains or water courses.
- Methods and Materials for Containment & Cleaning up:** Ventilate the area and avoid breathing vapors. Take the personal protective measure listed in Section 8. Contain and adsorb spillage with non-combustive material (e.g. sand/earth/vermiculite). Place in closed containers outside building and dispose of according to the Waste Regulations (see Section 13). Clean, preferably with detergent. Do not use solvents. Do not allow spills to enter drains or water courses. If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes, the Environmental Department Agency should also be informed.

*** Section 7 - Handling and Storage ***

- Precautions for Safe Handling:** Do not get in eyes, on skin or on clothes. Do not breathe vapors or mists. Keep containers closed. Use only with adequate ventilation. Use good personal hygiene practice. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Destroy contaminated belts and shoes and other items that cannot be decontaminated. See Section 2 for further details (PREVENTION).
- Conditions for Safe Storage:** Store in tightly closed container in dry, well-ventilated area away from excessive heat and incompatibles.



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Incompatible Materials: Oxidizing Agents

Special End Use(s): See Technical detail sheet.

***** Section 8 - Exposure Controls / Personal Protection *****

(Control Parameters)

Exposure: This product contains the following ingredients with established limits for using OSHA, ACGIH and/or NIOSH.

CAS No.	Ingredient	OSHA Source/Value	ACGIH Source/Value	NIOSH Source/Value
Proprietary	Glycol	TWA: 15mg/m3(total), TWA:5mg/m3 (resp)	TWA:3mg/m3 (resp) 10mg/m3 (mist)	No established RELs
Proprietary	Diethylene Glycol	No established RELs	No Established Limit	No Established Limit
Proprietary	Trade Secret	No Established Limit	No Established Limit	No Established Limit

Carcinogen Data: This product contains no ingredients (at greater than 0.1%) that are suspected of being or known to be a carcinogen under OSHA, NTP or IARC.

(Exposure Control Information)

Respiratory: If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirator.

Eyes: Wear safety eyewear (e.g. safety spectacles/goggles/visors) to protect against the splash of liquids

Skin: Overalls, which cover the body, arms, and legs, should be worn. Skin should not be exposed. All parts of the body should be washed after contact.

Engineering Controls: Provide adequate ventilation. Where reasonably practical, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient maintain concentrations of particles, and any vapor below occupational exposure limits, suitable respiratory protection must be worn.

Other Work Practices: No data available. See Section 2 for further details (PREVENTION).



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***** Section 9 - Physical & Chemical Properties *****

Appearance.....	Slightly hazy to hazy, colorless liquid
Odor.....	Mild
Odor Threshold.....	Not Measured
pH.....	5.8-7.5 (neat)
Melting/Freezing Point.....	Not Measured
Initial Boiling Point.....	Not Measured
Flash Point.....	>93C
Evaporation Rate.....	Not Measured
Flammability (Solid, Gas).....	Not Measured
Specific Gravity @ 20degr.....	1.12 – 1.15
Upper Flammability Limit.....	Not Measured
Lower Flammability Limit.....	Not Measured
Vapor Pressure.....	Not Measured
Vapor Density.....	Not Measured
Solubility in Water.....	Dispersible
Partial Co-efficient n-octanol/water.....	Not Measured
Auto-Ignition Temperature (Centigrade).....	Not Measured
Decomposition Temperature.....	Not Measured
Viscosity (cSt) @ 20C.....	>20.5
Volatiles (%).....	Not Measured
VOC %.....	Not Measured

**** Section 10 - Chemical Stability & Reactivity Information *****

Reactivity:	None
Chemical Stability:	Stable under normal ambient and anticipated conditions of use.
Hazardous Reaction:	Hazardous reactions not anticipated.
Conditions to Avoid:	Extended exposure to high temperatures can cause decomposition. Avoid all possible sources of ignition.
Incompatible Materials:	Oxidizing agents.
Hazardous decomposition Products:	Not anticipated under normal conditions of use.



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***** Section 11 - Toxicological Information *****

Active toxicity Estimate: Ingredients	Oral LD50 mg/kg	Skin LD50 mg/kg	Inhalation Vapor/Dust/Mist/LC50mg/L/4hr
Proprietary Blend of Surfactants	>5,000 Category: NA	>5,000 category	No Data Available

Item	Category	Hazard
Acute Toxicity-Mouth	----	Not Applicable
Acute Toxicity-Skin	----	Not Applicable
Acute Toxicity-Inhalation	----	Not Applicable
Skin Corrosion/Irritation	----	Not Applicable
Eye Damage/Irritation	2B	Causes Eye Irritation
Sensitization-Respiration	----	Not Application
Sensitization-Skin	3	Causes mild skin inflammation
-----	----	(Not adopted by US OSHA)
Germ Toxicity	----	No Application
Carcinogenicity	----	No Application
Reproductive Toxicity	----	No Application
STOT-SE: Special Target Organ System Toxicity-Single Exposure	-----	No Application
STOT-SE: Special Target Organ System Toxicity-Repeated Exposure	-----	No Application
Aspiration Hazard	-----	No Application

***** Section 12 - Ecological Information *****

Toxicity:	Ecotoxicity studies have not been run on this product.
Persistence & Degradation:	There is no data available on the preparation itself.
Results of PBT & vPvB Assess:	This product contains no PBT/vPvB chemicals.
Bioaccumulation Potential:	Not measured.
Mobility in Soil:	No data available.
Other Adverse Effects:	No data available.



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*** Section 13 - Disposal Considerations ***

Waste Treatment Methods: Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and Environmental Protection Agency. Under information provided in the data sheet advice the should be obtained from the Waste Regulation Authority, whether the special waste regulations apply. Dispose of contents in accordance with local and national regulations.

*** Section 14 - Transportation Information ***

DOA Proper Shipping Name: *Not regulated*
DOT Hazard Class: *Not regulated*
DOT Packing Group: *Not regulated*
DOT Label: *None*

IMDG Proper Shipping Name *Not regulated*
IMDG Hazard Class: *Not regulated*
IMDG Packing Group *Not regulated*
IMDG Marine Pollutant: *No*
ICOA/IATA: *See Bill of Lading*

*** Section 15 Regulatory Information ***

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive. Only selected regulations are represented.

TSCA (Toxic Substance Control Act) All ingredients of this product are listed on TSCA Inventory or are registered to be listed on the TSCA Inventory.

WHMIS Classification D2B E

US EPA Tier II Hazard: Fire: No/ Sudden Release of Pressure: No/ Reactive: No/
Immediate (acute): Yes/ Delayed (chronic): No

EPCRA 311/312: Chemicals and RQs (>0.1%): Sulfuric acid (1,000.00)
EPCRA 302: Extremely Hazardous (>0.1%): Sulfuric acid
EPCRA 313: Toxic Chemical (>0.1%): Sulfuric acid (<0.6%)

Proposition 65: Carcinogen (>0.0%): 1,4-dioxane
Proposition 65: Developmental Toxin (>0.0%): Ethylene glycol
Proposition 65: Female Repro Toxin (>0.0%): Ethylene glycol
Proposition 65: Male Repo Toxin (>0.0%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

N.J. RTK Substance (>1%): Glycol/Propylene Glycol
Penn RTA Substances (>1%): Diethylene Glycol/Glycerol/Propylene Glycol



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***** Section 16 Other Information *****

The information and recommendations contained herein are based upon data to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our product. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

SDS History

This is a new product SDS 1-18-2019