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ALLIED INTERNATIONAL

6700 Caballero Blvd.,
Buena Park, CA. 90620

SAFETY DATA SHEET

1. Product and company identification

Product Name Pro Series Heavy Duty Liquid Laundry Detergent

UN/ID No. DOT (U.S.): Not Regulated

Recommended use of the chemical and restrictions on use

Recommended use: Industrial Liquid Laundry Detergent for Professional Use Only

Supplier: Allied International
6700 Caballero Blvd.
Buena Park, CA. 90620

Manufacturer: Allied International

Print date: May 17, 2016

Responsible name: K.B.
In case of emergency: FOR CHEMICAL EMERGENCY
Spill, Leak, Exposure or Incident
Call INFOTRAC • 24-Hour Number
1-800-535-5053 or +1-352-323-3500 (outside USA)

Product type: Mixture

2. Hazards identification

Appearance: Green Liquid

Physical State: Liquid

Odor: Lemon Fragrance

Classification

Acute Toxicity – Oral	Category 4, H302
Acute Toxicity – Inhalation (Dust/Mists)	Category 4, H332
Skin sensitization	Category 1, H317
Serious eye damage/eye irritation	Category 1, H318

Signal Word: Danger



Hazard Statement

H302: Harmful if swallowed
H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H332: Harmful if inhaled
H400: Toxic to aquatic life

Precautionary Statements – Preventions

Do not handle until all safety precautions have been read and understood
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements – Response

Immediately call A POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing immediately call a POISON CONTROL or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth, DO NOT induce vomiting

Precautionary Statements – Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements –Disposal

Disposed of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Nonylphenol Ethoxylate	9016-45-9	20-25%
Other components below reportable levels		

4. First aid measures

Eye contact:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician
Skin contact:	If on Skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Seek medical attention.
Inhalation:	If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
Ingestion:	If Swallowed: rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie belt or waistband. Immediately call a POISON CENTER or doctor/physician.
Note to physician	Treat symptomatically

5. Fire-fighting measures

Flammability of the product:	Material is non flammable
Suitable Extinguishing media:	In case of fire, use water spray, dry chemical, carbon dioxide, or chemical foam
Specific Hazards Arising from Substance or Mixture	No data available
Unusual Fire & Explosion Hazards	None
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions: Use personal protective equipment as required

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal considerations, for additional information

Methods for cleanup and containment of material

Methods of containment Prevent further leakage or spillage if safe to do so

Large spill: Handle in accordance with industrial hygiene and safety practices. Contain spills with sand, clay, or other inert absorbent material and then place in suitable container. Keep in suitable, closed containers for disposal according to local and regional authority requirements.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

7. Handling and storage

Handling: Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray.

Storage Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.

Incompatible Materials None know

8. Exposure controls/personal protection

Engineering Controls **Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Safety Showers.**

Individual-protection measures, such as personal protective equipment

Eye/Face Protection Chemical anti-splash safety goggles

Skin and Body Protection Rubber gloves. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory Protection Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. Approved/certified dust respirator or equivalent.

General Hygiene considerations Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

9. Physical and chemical properties

Physical state	Liquid
Boiling Point	Approx. 212 ⁰ F.
Color	Green
pH	11.5
Reactivity in Water	N/A
Solubility in Water	Complete
Evaporation Rate	N/A
Specific Gravity	1.042

10. Stability reactivity

Stability	Stable under recommended storage conditions
Hazardous polymerization	No data available
Conditions to avoid	Do data available
Materials to avoid	Strong oxidizing agents
Hazardous decomposition products	No data available

11. Toxicological information

No data available

12. Ecological information

Toxicity to fish

Mortality LOEC – Pimephales promelas (fathead minnow) – 2.0 mg/l – 144 h

Mortality NOEC – Pimephales promelas (fathead minnow) – 1.8 mg/l – 144 h

LC50 – Lepomis macrochirus (Bluegill) – 1.0 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates

Mortality NOEC – Daphnia magna (Water flea) – 10.0 mg/l – 144 h

Mortality LOEC – Daphnia magna (Water flea) – 20.0 mg/l – 144 h

EC50 – Daphnia magna (Water flea) – 12.2 – 17.0 mg/l – 48 h

Toxicity to algae Growth inhibition LOEC – Pseudokirchneriella subcapitata – 16.0 mg/l – 96 h

Growth inhibition NOEC – Pseudokirchneriella subcapitata – 8.0 mg/l – 96 h

13. Disposal considerations

Waste disposal:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

DOT (U.S.): Not Regulated

15. Regulatory information

California Regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. Other information

HMIS

Health Hazards

1

Flammability

0

Reactivity

0

Personal Protection

B

 **Indicates information that has changed from previously issued version.**

Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet