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ALLIED INTERNATIONAL

6700 Caballero Blvd.,
Buena Park, CA. 90620

SAFETY DATA SHEET

1. Product and company identification

Product Name Detergent 101
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

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

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: Yellow Liquid	Physical State: Liquid	Odor: Lemon Fragrance
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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 2/2A, H319

Signal Word: Warning



Hazard Statement:

H302: Harmful if swallowed
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
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

Keep away from children

Precautionary Statements – Response:

Immediately call a poison control 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 center 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 control 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 control center or doctor/physician

IF SWALLOWED: Immediately call a poison control 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 in accordance with local, state, regional, national and international regulations

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 control 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 control center or doctor/physician.
Ingestion:	If Swallowed: Immediately call a poison control center or doctor/physician. 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 control 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	No data available
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°F.
Color	Yellow
pH	10-11
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	No data available
Materials to avoid	Strong oxidizing agents
Hazardous decomposition products	No data available

11. Toxicological information

Information on likely routes of exposure

Inhalation	Inhalation can cause irritation and damage to the respiratory tract.
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Skin contact	Contact may cause skin irritation
Eye contact	Contact can cause serious eye irritation
Ingestion	Ingestion may cause irritation and gastrointestinal disturbances. Do not ingest
Symptoms related to the physical, chemical and toxicological characteristics-	Direct contact with eyes may cause temporary irritation.

Information on toxicological effects:

Acute toxicity	Not available
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation

Signs and Symptoms of Exposure Irritation

Chronic Effects of long-term

Exposure: No known significant effects or critical hazards.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA

Mutagenicity: No known significant effects or critical hazards.

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 contractor. 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 contact 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

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Flammability

0

Reactivity

0

Personal Protection

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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 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