








Advance Nature Laundry Liquid

Laundry Liquid is a concentrated, biodegradable laundry liquid that emulsifies soil, brightens fabric and cuts through grease. Advance Nature Laundry Liquid will leave your fabrics fresh and clean. It is free rinsing, so leaves no irritating residue on your clothes. Advance Nature Laundry Liquid's low foaming formulation makes it suitable for use in front loaders, top loaders and washing by hand.

Advance Nature Laundry Liquid is an aqueous solution, heavy duty laundry detergent compositions, more particularly, it includes anionic, non-ionic surfactants, a certain type of amphoteric surfactant, inorganic builder, and water, which washing results in improved cleaning and synergistic softening of the laundry. Advance Nature Laundry Liquid is a low temperature formula, contains long term colour protection to make sure fabrics retain their beautiful glowing colour longer. It delivers full washing performance, high skin compatible, and gives the laundry a mild fresh fragrance.

Features and Benefits

-  Environmental Choice New Zealand Licensed
-  Biodegradable*
-  Proudly NZ Made
-  Proven Cleaning Power**
-  Floral Fragrance

* Advance Nature Total Laundry Liquid has been tested following ASTM D 4488-95 (American Society for Testing and Materials) Standard Guide for Testing Cleaning Performance for Products.

** All ingredients considered readily biodegradable as stated in the Detergent Ingredient Database (DID List) according to OECD guidelines and based on approval by the European Commission.

Environmental Description

Advance Nature Laundry Liquid is the latest in environmentally preferable cleaning detergents, formulated to provide excellent performance with minimum impact on the environment. Advance Nature Laundry Liquid is highly biodegradable, phosphate free, uses renewable plant derived surfactants, and conform with all statutory environmental requirements. Using the latest environmental criteria, Advance Laundry Liquid does not contain EDTA, NTA, DTPA, reactive chlorine, quaternary, alkyl phenol ethoxylate, toxic, harmful or ecologically suspect ingredients. Advance Nature Laundry Liquid containers will be cleaned and reused if returned to Advance International Cleaning System, significantly reducing plastic usage and waste. The containers can also be recycled.

Directions

For every 1kg dry weight of laundry use:

- 7.5ml Advance Nature Laundry Liquid for light soiling
- 10ml Advance Nature Laundry Liquid for normal soiling
- 12.5ml Advance Nature Laundry Liquid for heavy soiling

All detergents have an effect on the environment. Always use the correct dose for maximum efficiency and minimum environmental impact. Use the lowest recommended temperature.

Chemical Data

Physical description

Appearance	Colourless viscous liquid
Odour	Fresh Flower
pH	9.5 +/- 0.5
Viscosity	4500 cP
Solidity	18%
Specific gravity	1.03
Boiling point	100 c

Storage and transportation

Advance Nature Laundry Liquid is not classified as a Dangerous Goods by the criteria of Dangerous Goods Code for road and rail transport, and can be stored in sealed original containers for at least 2 years.

www.advancenature.co.nz

Advance Branches Nationwide. Phone 0800 223 826 for your nearest branch or visit www.advanceclean.co.nz for full contact details of all branches



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name;	Advance Nature Laundry Liquid
Recommended use;	A concentrated organic laundry liquid that emulsifies soil, brightens fabric and cuts through grease. Advance Nature Laundry Liquid will leave fabrics fresh and clean. It is natural, biodegradable and free rinsing, so it is safe for the environment and leaves no irritating residue on clothes.
Company Details;	Advance International Cleaning Systems (NZ) Ltd
Address;	663 Great South Road, Penrose Auckland. New Zealand
Telephone Number;	+64 9 525 3792
Emergency Telephone No.	National Poison Information Centre 0800 764 766
Date of Preparation	1/10/2010

2. HAZARD IDENTIFICATION

HSNO Hazard Classification: 6.1E, 6.3A, 6.4A

Code:	Hazard Statement
HH15	Causes skin irritation
HH19	Causes eye irritation

Prevention Statement:

- Wash thoroughly after handling
- Wear protective gloves
- Wear eye/face protection

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Concentration %
Sodium citrate	68-04-2	<5
Anionic surfactant		>5
Non- ionic surfactant		<5
Amphoteric surfactant		<5
Sodium Carbonate	497-19-8	<5
Water	7732-18-5	level

4. FIRST AID MEASURES

Ingestion

Immediately rinse mouth with water. If swallowed do not induce vomiting. Give water to drink. Seek immediate medical attention.

Eye Contact

Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.

Skin Contact

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.

Inhalation

Remove the effected person out to a ventilated area. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Use dry chemical powder, foam, polymer foam, water spray or fog type extinguishers. Water may be ineffective on fire. However water spray may be used to extinguish fires, and to absorb heat, keep containers cool and protect exposed material. If a leak or spill has not ignited, water spray may be used to flush spills away from exposures.

Hazards from combustion products;

Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning will emit toxic fumes including those of carbon monoxide and carbon dioxide.

Precautions for fire fighters and special protective equipment;

Fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of combustion as well as structural fire fighters uniform.

Hazchem code; None Assigned.

6. ACCIDENTAL RELEASE MEASURES

Emergency Precautions

Personnel involved in the clean up should wear full protective clothing. Evacuate all unnecessary personnel. Increase ventilation. Avoid walking through spilled product as it may be slippery. Stop leak if safe to do so. Do not let product reach drain or waterways; advise the Environmental Protection Authority or your local Waste Management. Use clean, non-sparking tools and equipment.

Methods and Materials for Containment and Clean Up

Soak up spilled product using absorbent, non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated, collect material into suitable, labelled, dry, sealable containers and hold for safe disposal. Once pick-up is complete, flush spill site with plenty of water to eliminate any residue. Hold contaminated water for treatment/disposal.

7. HANDLING AND STORAGE

Handling

Wash thoroughly after handling. Use only in a well ventilated area. Avoid contact with eyes, skin and clothing. Empty containers retain product and residue (liquid or vapour), and can be dangerous. Keep container tightly closed. Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Do not dispose of material to sewers or waterways.

Storage

Store in a tightly closed container. Keep from contact with oxidizing materials. Store in cool, dry, well ventilated area away from incompatible substances. Keep containers closed at all times, check regularly for leak.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards

No Tolerable Exposure Limit (TEL) Workplace Exposure Standards (WES) has been set by the Occupational Safety and Health Service, NZ Department of Labour for this substance.

Biological limit values

None established

Engineering Controls

The use of local exhaust ventilation is recommended to control process emissions near the sources. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof ventilation equipment

Personal Protective equipment

Respiratory Protection;

Where concentration in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

Eye Protection;

Always use safety glasses or a face shield when handling this product.

Skin/Body Protection;

Always wear long sleeves and long trousers or coveralls, enclosed footwear or safety boots and chemical resistant gloves when manufacturing this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance;	Blue viscous liquid
Physical State;	Liquid
Odour;	Laundry fresh
pH;	9.5(+/-) 0.5
Solubility;	soluble in water
Vapour Density;	Not applicable
Boiling point;	>100 deg
Freezing Point;	Not applicable
Ignition Point;	Not applicable
Flash Point;	Not applicable
Specific Gravity;	1.03
Vapour pressure;	Not applicable
% Volatilities	

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable at room temperature and pressure.
Conditions to avoid:	Avoid excessive heat, direct sunlight, moisture, high temperatures.
Incompatible Materials:	Incompatible with oxidizing agents, acidic agents, including acidic clays, and sources of ignition.
Hazardous decomposition:	When involved in a fire, this product will generate carbon monoxide
Hazardous reactions:	Oxidizing agents, mineral acids, halogenated organic compounds.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with the safety data sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Ingestion

Small amounts of liquid aspirated into lungs during ingestion, or from vomiting. Ingestion of large amounts of this product will result in headaches, nausea, dizziness and tracheal burning.

Eye Contact

This product is irritating to eyes but will not permanently damage eye tissue.

Skin Contact

This product is irritating to skin and may result in dryness and cracking of skin.

Inhalation

Irritating to respiratory tract. Exposure to high concentrations over an extended period of time may result in muscle weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations and possible loss of consciousness.

12. ECOLOGICAL INFORMATION

Persistence/ degradability	the substance is expected to be readily biodegradable
Mobility:	No data available for this product.

13. DISPOSAL CONSIDERATIONS

Disposal Methods:

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of New Zealand Dangerous Goods Code for transport by road and rail

Marine Transport

Not classified as Dangerous Goods by the criteria of international Maritime Dangerous Goods Code for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of international Air Association Dangerous Goods Regulations for transport by air

15. REGULATORY INFORMATION

HSNO Approval No:	HSR002530
Group Standard:	Cleaning Products (Subsidiary Hazard) Group Standard 2006
HSNO Classification:	6.1E, 6.3A, 6.4A

16. OTHER INFORMATION

New Zealand National Poison Information Centre:	0800 764 766
New Zealand Emergency Services:	111
Advance International Cleaning Systems (NZ) Limited:	+64 9 525 3792

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Advance International Cleaning Systems (NZ) Limited accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Local Councils regulations.

Prepared by M. Derballa Bsc.