MATERIAL SAFETY DATA SHEET





Laundry Sour Plus

HMIS		NFPA	Personal protective equipment						
Health	2	2							
Fire Hazard	0	0							
Reactivity	0	0							
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Version Number: 1 Preparation date: 2005-04-26

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Laundry Sour Plus

MSDS #: 225400641001

Product code: 3475298, 3521901, 225400641001

Recommended use: Laundry care. Soft/Sour.

Manufacturer, importer, supplier:

US Headquarters

JohnsonDiversey, Inc.

8310 16th St.

Canadian Headquarters

JohnsonDiversey - Canada, Inc.

2401 Bristol Circle

Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1
Phone: 1-888-352-2249 Phone: 1-800-668-3131

MSDS Internet Address: www.johnsondiversey.com

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING. CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED.

Principle routes of exposure: Eyes. Skin. Ingestion. Inhalation. **Skin contact:** Moderately irritating to the skin.

Eye contact: Severe eye irritation.

Inhalation: May be irritating to nose, throat, and respiratory tract.
Ingestion: Ingestion may cause gastrointestinal irritation .

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS#	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation				
Citric acid	77-92-9	50 - 60%	3 g/kg (rat)	Not available	Not available				

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation

persists, get medical attention.

Skin contact: Flush immediately with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention.

Ingestion: Do not induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an

unconscious person. Get medical attention.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptable to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Dry chemical, water spray, foam, carbon dioxide.

Specific hazards: None known.
Unusual hazards: None known.

Specific methods:No special methods required **Autoignition temperature:**No information available.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: None.

Laundry Sour Plus 1 of 3

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment

Environmental precautions Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a

and clean-up methods: water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Do not taste or swallow. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Protect from freezing . Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements.

Personal Protective Equipment

Eye protection: Safety glasses with side-shields.

Hand protection: No special requirements under normal use conditions. Rubber gloves recommended for prolonged or

repeated skin contact.

Skin and body protection:No special requirements under normal use conditions.
Respiratory protection:
No special requirements under normal use conditions.

Handle in accordance with good industrial hygiene and safety practice .

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid Appearance: Liquid

Color:Clear ColourlessBoiling point/range: Not determinedOdor:OdorlessMelting point/range: Not determined

 Specific gravity:
 1.245
 pH:
 <2.5</th>

 Dilution pH:
 2.3 (1%)
 Density:
 1.245

Bulk density:No information availableDecomposition temperature:Not determinedVapor density:No information availableAutoignition temperature:No information available

Evaporation rate:No information availableSolubility:SolubleSolubility in otherNo information availableVOC:0.0solvents:

Viscosity: No information available Flash point: >200 (°F) >93.3 (°C)

Partition coefficient (n-octanol/water): No information available

10. STABILITY AND REACTIVITY

Stability: The product is stable

Polymerization: Hazardous polymerisation does not occur

Hazardous decomposition products: None reasonably foreseeable

Materials to avoid: Strong bases. Strong oxidising agents.

Conditions to avoid: Do not freeze.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg.

Component Information: See Section 3

Component Information: See Section 3

Chronic toxicity: None known.

Specific effects

Carcinogenic effects: None known Mutagenic effects: None known Reproductive toxicity: None known Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment

Laundry Sour Plus 2 of 3

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Australia (AICS), Korea (ECL), Philippines (PICCS), China (IECSC).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS#	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Citric acid	77-92-9	-	-	-	-	-	-
Water	7732-18-5	-	-	-	-	-	-

CERCLA / SARA

None

CAA HAP/CAA ODS/CWA Priority Pollutants: None

SARA 311/312 Hazard Categories

Immediate:

Yes

<u>Canada</u>

WHMIS hazard class: D2B Toxic materials .



16. OTHER INFORMATION

Reason for revision:
Prepared by:
Additional advice:
Not applicable
NAPRAC
None

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Laundry Sour Plus 3 of 3