SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product identifier used on the label: **POWER PLUS DISHWASHING LIQUID**

Recommended use of the chemical and restrictions on use: Finished Product for Consumer use only.

- Mild Surfactant-based medium
- Liquid dishwashing detergent
- Safe for Consumer use

Chemical Manufacturer:
SCL (Trinidad) Limited
LP # 45, Saddle Road,
San Juan, Trinidad,
West Indies.
Telephone No.: 675-5555
Email: sales@scl-group.com
Website: www.scl-group.com
For 24 Hr. Emergency Telephone No.: International use: For **CHEMTREC** assistance, call: 1-800-424-9300

Or contact your Local District Health Authority for emergency medical assistance.

SECTION 2: HAZARDS IDENTIFICATION

Classification of the chemical

- Clear, green liquid.
- Citrus fragrance.

Hazard classification: Finished Product:

- Flammable Liquid – 0
- Acute toxicity via inhalation – Category 1
- Acute toxicity via dermal – Category 1
- Acute toxicity via oral – Category 1
- Skin irritation – Category 1
- Eye damage/eye irritation – Category 2A

Signal Word: Warning

Hazchem Code: None allocated.

Hazard Statements: Effects of over-exposure:

- Harmful if swallowed.
- Causes serious eye irritation.
- Causes skin irritation.

Hazard Pictogram:

Precautionary statements:

- Keep out of reach of children.
- Wear protective gloves.
- If on skin: Rinse with water.
- Take off contaminated clothing and wash it before reuse. If skin irritation occurs, seek medical attention.
- If it comes in contact with Eyes: Rinse cautiously with water for several minutes. If eye irritation persists, seek medical attention.
- If inhaled: Remove person to fresh air and keep in a comfortable position for breathing.
- If swallowed: Rinse mouth and seek medical attention.
- Store and secure in a cool, well-ventilated place. Keep container tightly closed.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

- Other hazards which do not result in classification: Ingestion may cause gastrointestinal irritation or nausea.

SECTION 3: COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Name	Common names or synonyms	CAS #	Concentration % by weight
Sodium Lauryl Ether Sulphate	SLES	9004-82-4	8 - 10
Dodecyl Benzene Sulphonic Acid	DBSA	27176-87-0	3 - 5

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures:

- **Inhalation:** If inhaled, remove from the area and acquire proper ventilation.
- **Ingestion:** Possible nausea. Do not induce vomiting. Consult with a Physician.

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Tel: 1-(868) 675-5555 | Fax: 1-(868) 638-6302 | E-mail: sales@scl-group.com | Website: www.scl-group.com
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- **Skin contact:** If irritation does occur, flush affected areas with potable water for at least 15 minutes.
- **Eye contact:** Avoid contact with eyes. It may cause a burning sensation. Irrigate with water for 15 minutes. If irritation to the eyes persists, consult with a Physician.

Indication of any immediate attention and special treatment needed: Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

- The product is classified as a Non-Flammable Dish Washing Liquid which is consumer safe.
- Flash Point (^{o} C): N/A
- Extinguishing media: N/A
- Conditions to avoid: N/A
- Decomposition of Products: N/A
- Special Fire Fighting Procedures: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment precautions and emergency procedures: All persons handling and addressing clean-up spills should wear the appropriate chemical personal protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Refer to the protective measures listed in sections 7 and 8.

Environmental precautions: It contains biodegradable surfactants. It is environmentally friendly**.**

Methods, material for containment and cleaning up:

SMALL SPILLS: Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS: Clear the area of all unprotected personnel. Slippery when spilt. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent runoff into drains and waterways. Use absorbent (soil, sand, or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local authorities.

Special spill response procedures: Contact appropriate local and provincial environmental authorities for assistance and/or reporting requirements. US CERCLA Reportable quantity (RQ): None.

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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Use only in well-ventilated areas. Avoid breathing vapours/mist. Avoid contact with skin, eyes, and clothing. Keep the container tightly closed. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Storage: Store in a cool/well-ventilated place. The storage area should be identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking. Keep container tightly closed. Store away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls:

- **Occupational exposure limits:** No value assigned
- **Biological Limit Values:** No value assigned
- **Engineering Measures:** Natural ventilation should be adequate under normal use conditions.
- **Personal Protection Equipment:** GLOVES, SAFETY GLASSES.
- **Wear gloves, safety glasses**. Available information suggests that gloves made from should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.
- **Hygiene measures:** Keep away from food, drink and animal feeding stuff. When using do not eat, drink or smoke. Wash hands before eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance**: Clear, green liquid
- **Specific Gravity**: 1.010 – 1.030
- **Odour**: Citrus fragrance
- **pH**: (10% aqueous solution): 7.0 to 8.5
- **Shelf Life**: 1 Year in original unopened containers
- **Solubility in water:** completely miscible in water
- **Vapour pressure:** N/Av
- **Flammability:** None

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SECTION 10: STABILITY AND REACTIVITY

- **Reactivity:** Not reactive
- **Chemical stability:** Stable under normal conditions for storage and use.
- **Possibility of hazardous reactions:** None.
- **Incompatible materials:** Strong oxidizers (e.g. Chlorine, Peroxides, etc.).
- **Hazardous decomposition products:** None known.
- **Hazardous Polymerization:** Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Chronic Health Effects:

- Mutagenicity: Not expected to be mutagenic in humans.
- Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive Effects & Teratogenicity

- This product is not expected to cause reproductive or developmental effects.
- Sensitization to material**:** Not expected to be a skin or respiratory sensitizer.

Synergistic materials: No information available.

Toxicological data: See below for toxicological data on the substance. Acute toxicity, inhalation – Category 1
Acute toxicity, dermal - Category 1, Acute toxicity, oral - Category 1

Health Hazard Low toxicity - low irritant. This product may only present a hazard with direct eye or with prolonged and repeated direct skin contact. No chronic effects are anticipated with normal use.
Eye Irritant: Contact may result in irritation, lacrimation, pain, redness, conjunctivitis.
Inhalation: None.
Skin Irritant: Prolonged or repeated may result in skin irritation
Ingestion: Low to moderate toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.
Toxicity Data: No data available for this product.
Other important toxicological hazards: None

SECTION 12: ECOLOGICAL INFORMATION

Other important toxicological hazards: None.

This product is not expected to be hazardous to the environment.

Persistence and degradability: This product is readily biodegradable.

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Bioaccumulation potential: Not expected to bio-accumulate.

Mobility in soil: No data is available on the product itself.

Other Adverse Environmental Effects: No known effects.

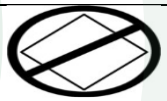
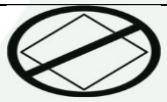
SECTION 13: DISPOSAL CONSIDERATIONS

Handling for Disposal: Handle in accordance with current good manufacturing practices, good industrial hygiene and safety practices. Refer to the protective measures listed in sections 7 and 8.

Methods of Disposal: Dispose in accordance with all applicable federal, state, provincial and local regulations.

RCRA: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14: TRANSPORT INFORMATION

Regulatory Information	UN Number	UN Proper shipping name	Transport Hazard Classes	Packing Group	Label
49 CFR /DOT Additional Information	None	Not regulated	Not regulated	N/Ap	
TDG Additional Information	None	Not regulated	Not regulated	N/Ap	
IMDG Additional Information	None	Not regulated	Not regulated	N/Ap	
ICAO/IATA Additional Information	None	Not regulated	Not regulated	N/Ap	

Special precautions for users: The finished product is safe for consumer use. Follow manufacturer guidelines on use of the product.

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Environmental hazards: This finished product is not expected to be environmentally hazardous.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: This information is unavailable.

SECTION 15: REGULATORY INFORMATION

US Federal Information: Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity (RQ) 40 CFR 117.302	SARA TITLE III Sec: 302 Extremely Hazardous Substance, 40 CFR 355	SARA TITLE III Sec: 313, 40 CFR 372, Specific Toxic Chemical	SARA TITLE III Sec: 313, 40 CFR 372, de minimus concentration
Sodium Lauryl Ether Sulphate	9004-82-4	Yes	N/Ap	N/Av	No	N/Ap
Dodecyl Benzene Sulphonic Acid	27176-87-0	Yes	1000	N/Av	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements. No data.

US State Right to Know Laws: The following chemicals are specifically listed by individual States:

Ingredients	CAS #	California Proposition 65		State "Right to Know" List					
Sodium Lauryl Ether Sulphate	9004-82-4	Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
		No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Dodecyl Benzene Sulphonic Acid	27176-87-0	Yes	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes

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Canadian Information: Canadian Environmental Protection Act (CEPA): All ingredients are on the DSL.

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

International Information: Components listed below are present on the following International Chemical Inventories list:

Ingredients	CAS #	European EINECs	Australia AICs	Philippines PICCS	Japan ENCS	Korea KECI/ KECL	China IECSC	New Zealand IOC
Sodium Lauryl Ether Sulphate	9004-82-4	Present	Present	Present	Present	Present	Present	Present under an appropriate group standard
Dodecyl Benzene Sulphonic Acid	27176-87-0	Present	Present	Present	Present	Present	Present	Present under an appropriate group standard

SECTION 16: OTHER INFORMATION

LEGEND/KEY:

- ACGIH: American Conference of Governmental Industrial Hygienists
- AICS: Australian Inventory of Chemical Substances
- ATE: Acute Toxicity Estimate CA: California
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- CSA: Canadian Standards Association
- DOT: Department of Transportation
- ECHA: European Chemicals Agency
- ECOTOX: U.S. EPA Ecotoxicology Database
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ENCS: Existing and New Chemical Substances
- EPA: Environmental Protection Agency
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer

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- IBC: Intermediate Bulk Container
- IECSC: Inventory of Existing Chemical Substances
- IMDG: International Maritime Dangerous Goods
- IOC: Inventory of Chemicals
- IUCLID: International Uniform Chemical Information Database
- KECI: Korean Existing Chemicals Inventory
- KECL: Korean Existing Chemicals List
- LC: Lethal Concentration
- LD: Lethal Dose MA: Massachusetts
- MN: Minnesota
- N/Ap: Not Applicable
- N/Av: Not Available
- NIOSH: National Institute of Occupational Safety and Health
- NJ: New Jersey
- NOEC: No observable effect concentration
- NTP: National Toxicology Program
- OECD: Organisation for Economic Co-operation and Development
- OSHA: Occupational Safety and Health Administration
- PA: Pennsylvania
- PEL: Permissible exposure limit
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- RCRA: Resource Conservation and Recovery Act
- RI: Rhode Island
- RTECS: Registry of Toxic Effects of Chemical Substances
- SARA: Superfund Amendments and Reauthorization Act
- SDS: Safety Data Sheet / Material Safety Data Sheet
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TSCA: Toxic Substance Control Act
- TWA: Time Weighted Average
- WHMIS: Workplace Hazardous Materials Identification System

REFERENCES:

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2016
2. International Agency for Research on Cancer Monographs, searched 2016
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2016(Chempendium, HSDB and RTECs).
4. Material Safety Data Sheets from the manufacturer.
5. US EPA Title III List of Lists - 2016 version.
6. California Proposition 65 List - 2016 version.

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7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2016.
8. Chemical Safety Facts: https://www.chemicalsafetyfacts.org/chemicals/butoxyethanol-2-butoxyethanol/
9. USEPA: TSCA Chemical Substance Inventory: https://www.epa.gov/tsca-inventory
10. University of Illinois, USA: Division of Research Safety: https://drs.illinois.edu/Page/SafetyLibrary/ChemicalHazardClassification
11. National Library of Medicine: Biotechnology Information: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4651417/
12. ACS Publications: https://pubs.acs.org/doi/10.1021/acsomega.2c06320
13. Hazard classifications for aquatic toxicity under the Globally Harmonised System for Classification and Labelling of Chemicals (GHS) (OECD 2001).
14. University of Hertfordshire, UK: http://sitem.herts.ac.uk/aeru/ppdb/en/Reports/2671.htm

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