Material Safety Data Sheet
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072 HMIS H-1, F-1, R-0

IDENTITY *(as Used on Label and List)*
ROYALTONE DETERGENT PLUS

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name **ROYALTONE**

Address *(Number, Street, City, State and ZIP Code)*
9504 East 55th Street
Tulsa, OK 74145

Emergency Telephone Number **918-663-9666**

Telephone Number for Information
918-622-6677

Date Prepared: 6/29/10

Signature of Preparer *(optional)*

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)

This product does not contain any hazardous materials based on current Department Of Labor regulations as we interpret them.

This product does not contain any halogenated solvents like perchloroethylene (perc) or any petroleum solvents.

Section III—Physical/Chemical Characteristics

Boiling Point	625F	Specific Gravity (H_20 = 1)	0.87
Vapor Pressure (mm Hg)	0.0001	Melting Point	1.0
Vapor Density (AIR = 1)	10	Evaporation Rate (Butyl Acetate = 1) ethylether 1000 x slower	

Solubility in Water form emulsion

Appearance and Odor light amber liquid with little odor

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) 380 COC	Flammable Limits NA	LEL unk	UEL unk

Extinguishing Media water fog, CO2, dry chemical and foam

Special Fire Fighting Procedures wear self contained breathing apparatus in contained spaces

Unusual Fire and Explosion Hazards estimated auto ignition temperature 670F
can be made to burn (flash point greater than 200F)

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	x	Contact with strong oxidizers
Incompatibility *(Materials to Avoid)*	strong oxidizers		
Hazardous Decomposition or Byproducts	none		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	none

Section VI—Health Hazard Data

Route(s) of Entry — Inhalation? no — Skin? no — Ingestion? no

Health Hazards *(Acute and Chronic)* none

Carcinogenicity no — NTP? no — IARC Monographs? no — OSHA Regulated? no

Signs and Symptoms of Exposure INGESTION: Diarrhea EYES: contact causes moderate irritation and discomfort. SKIN: slight irritation

Medical Conditions Generally Aggravated by Exposure none

Emergency and First Aid Procedures EYES: flush with water for 15 min. call doctor. SKIN: wipe, wash with soap and water. INGESTION: see a physician, induce vomiting if conscious

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled wash with water containing detergent or absorb with, clay, diatomaceous earth, or other inert absorbent.

Waste Disposal Method drum and dump or incinerate as governed by Federal, State, and Local regulations on chemical waste

Precautions to Be Taken in Handling and Storing avoid contact with eyes, do not swallow

Other Precautions keep out of eyes and off skin

Section VII—Control Measures

Respiratory Protection *(Specify Type)* heated or misted, then NIOSH respiratory protection

Ventilation	Local Exhaust yes	Special none
	Mechanical *(General)* no	Other none

Protective Gloves no — Eye Protection safety goggles

Other Protective Clothing or Equipment none

Work/Hygienic Practices keep out of eyes and off skin. DO NOT SWALLOW.