

Material Safety Data Sheet

Revision Date 19-Mar-2008

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DL4880 RTU
Product name Third Power™
Recommended Use Cleaner / Degreaser

Supplier Drummond American Corporation
600 Corporate Woods Parkway
Vernon Hills, IL 60061
(847) 913-9313

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Not Hazardous as provided.

Aggravated Medical Conditions
None Known

Principal Routes of Exposure
Eyes. Skin. Inhalation. Ingestion.

Potential health effects

Eyes No adverse affects expected.
Skin No adverse affects expected.
Inhalation No adverse affects expected.
Ingestion No adverse affects expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Sodium hydroxide	1310-73-2	0.1-1

4. FIRST AID MEASURES

Eye contact No specific treatment is necessary since this material is not likely to be hazardous by eye contact.

Skin contact No specific treatment is necessary since this material is not likely to be hazardous by skin contact.

Ingestion No specific treatment is necessary since this material is not likely to be hazardous by ingestion.

Inhalation No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

5. FIRE FIGHTING MEASURES

Flash point °C > 98.9
Flash point °F > 210
Method No information available

Autoignition temperature °C >98.9
Autoignition temperature °F >210

Flammability Limits (% in Air)
Upper No data available
Lower No data available

Suitable extinguishing media
Use extinguishing media appropriate to surrounding fire .

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

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Collect and contain for disposal.

7. HANDLING AND STORAGE

Handling
Use normal safe handling procedures.

Storage
Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Sodium hydroxide	2 mg/m ³	-	-	-

Ventilation and Environmental Controls

None required.

Hygiene measures

General industrial hygiene practice.

Respiratory protection

None required.

Hand Protection

Gloves are not required in normal use.

Eye protection

None necessary under normal use conditions.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Red
Odor	None
Odor Threshold	Not Applicable
pH	11.4
Specific Gravity	1.005
Vapor pressure	< 1 mmHg @ 68°F (20°C)
Density	1.0572 @ 77°F
Vapor density	No data available
Evaporation Rate	No data available
Water solubility	Soluble in water
VOC Content	0.83%; 0.07 lbs/gal
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	98.7
Boiling point/range °F	210
Melting point/range °C	-1
Melting point/range °F	31
Flash point °C	> 98.9
Flash point °F	> 210

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

None known.

Incompatibility

None.

Hazardous Decomposition Products

None known.

Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
Sodium hydroxide 1310-73-2	1350 mg/kg	1350 mg/kg	1350 mg/kg

Synergistic Products

None known

Potential health effects

Sensitization

None known

Chronic toxicity

None known

Mutagenic effects

None known

Teratogenic effects

None known

Reproductive toxicity

None known

Target Organ Effects

See Section 2

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Sodium hydroxide	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

No Information Available

13. DISPOSAL CONSIDERATIONS

Disposal Information

Dispose in accordance with federal, state, and local regulations

Waste from residues / unused products

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

DOT

Not Regulated

TDG

Not Regulated

IMDG/IMO

Not Regulated

IATA

Not Regulated

MEX

Not Regulated

