

CASTROL INDUSTRIAL CENTRAL INC.

MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

Manufacturer Castrol Industrial Central Inc.; 630 W. Washington Blvd.; Chicago, Illinois 60606
 Telephone (312) 454-1000

TRADE NAME Safety Cool® 800

II INGREDIENTS

<u>Hazardous ingredients</u>	%	CAS No.	Hazard Data
Contains no ingredients listed as carcinogens by NTP, IARC, or OSHA.			
Severely hydrotreated and severely solvent refined petroleum oil	10-30	64742-52-5; 64742-53-6; 64741-89-5; 64742-55-8	PEL, TLV=5 mg/M ³ STEL=10 mg/M ³
Sodium tetraborate	1-5	64741-88-4 1330-43-4	PEL=10 mg/M ³ ; TLV=1 mg/M ³ dust

Contains no other ingredients now known to be hazardous as defined in Illinois Public Act 83.240, OSHA 29 CFR 1910.1000 (subpart z), and OSHA 29 CFR 1910.1200.

III PHYSICAL DATA

Boiling Point:	Melting Point:
Specific Gravity (water=1): 1.005	Vapor Pressure:
Vapor Density (air=1): NA	Solubility in Water, % by Wt.: 100
% Volatiles by Volume: NA	Evaporation Rate (butyl acetate=1): < 1
Appearance and Odor: Clear blue liquid	
pH: Concentrate: 9.1 ± .2; 5%: 8.9 ± .2; 2.5%: 8.9 ± .2	

IV FIRE AND EXPLOSION DATA

Flash Point NA	Fire Point NA
Flammable Limits in Air, % by Volume	Lower NA Upper NA

Extinguishing Media: CO₂, dry chemical, foam.
 Special Fire Fighting Procedures: Wear self-contained breathing apparatus to fight fires in confined spaces.
 Cool fire-exposed containers with waterspray to prevent rupture.
 Unusual Fire and Explosion Hazard: None known.

V HEALTH HAZARD INFORMATION

Health Hazard Data: Applies to concentrate. Hazard potential is reduced at use dilutions.

Routes of Exposure and Effects of Overexposure

Inhalation: TLV for product not established. Refer to Hazardous Materials List for ingredient TLV's.
 Skin Contact: Continued contact may cause irritation.
 Skin Absorption: Skin absorption is not expected to occur.
 Eye Contact: Will cause eye irritation
 Ingestion: LD₅₀ not established; do not ingest.

Emergency and First Aid Procedures

Eyes: Flush with water for 15 minutes; consult physician.
 Skin: Wash affected area with soap and water.
 Inhalation: If irritation occurs, remove to fresh air area and avoid further inhalation.
 Ingestion: Induce vomiting; consult physician.

Notes to Physician

VI REACTIVITY DATA

Conditions Contributing to Instability: None. Stable under normal conditions.
Incompatibility: Strong oxidizing agents and mineral acids.
Hazardous Decomposition Products: Oxides of carbon, nitrogen and sulfur are potential combustion products.
Conditions Contributing to Hazardous Polymerization: Will not polymerize.

VII SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled:

Recover free liquid. Keep petroleum products out of streams and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Add absorbent to spill and ventilate enclosed spaces. Incinerate absorbed materials. Dispose of free liquid by incineration through an oil reclaim service.

Waste disposal method:

Non-biodegradable contaminants introduced into used emulsions must be removed prior to disposal. Acid-alum or alum-polymeric deemulsifiers may be used.

VIII SPECIAL PROTECTION INFORMATION

Ventilation requirements: If excessive misting occurs, provide local ventilation.

Specific Personal Protective Equipment

Respiratory: If excessive misting occurs, or if associated TLV is exceeded, provide NIOSH approved respirator equipment with TC-21C-XXX cartridge combination.

Eyes: Face shield or goggles.

Gloves: Oil impervious.

Other Clothing and Equipment: Eyewash facility.

IX SPECIAL PRECAUTIONS

Precautionary Statements

DO NOT ADD NITRITES TO THIS FLUID.

Wash contaminated clothing before reuse. Avoid contact with eyes. Avoid breathing mists. Do not take internally.

Other Handling and Storage Requirements

Keep drums closed when not in use. Bring product to room temperature before use. Do not store near heat, flame, or strong oxidizing agents.

As required by SARA, Title III, Section 313, please note the presence of the following chemical(s) in this product: None applicable.

Labeling Requirements

Proper shipping name: Metal cutting, drawing or drilling compound

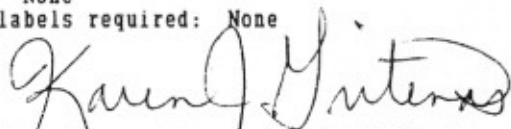
Hazard class(es)

- OSHA: See Section II for hazardous ingredients.

- RCRA: None

- DOT: None

Hazard labels required: None



Prepared by: Karen Gritenas, Research Chemist

Date: June 7, 1990