

# RAF POWER

## ALL-PURPOSE CLEANER & DEGREASER SPRAY AND WIPE

### DESCRIPTION:

A foaming concentrated cleaner that safely removes heavy grease and soil deposits by heavy-duty penetrating and emulsifying action. Simply spray on and wipe off for fast, labor-saving cleaning with maximum safety to the user. Cleans without a choking or burning effect even in areas with minimum ventilation. Eliminates danger of fire or explosion. Safe on walls, glass, most metals (including aluminum), concrete, plastic, vinyl, washable painted surfaces, asphalt tile, white wall tiles, vent hoods and grills, etc. Removes heavy grease and soil deposits, soot and smoke stains, most inks, carbons and dyes, mildew, creosote, etc. Contains special corrosion inhibitor to help protect metal surfaces.

### DIRECTIONS FOR USE:

Simply spray over surface to be cleaned. Wipe with clean absorbent cloth, towel or sponge. Material may be applied with any type conventional sprayer. Allow to remain on soiled surfaces for a few minutes, then pick up suspended soils with a damp mop or sponge. For heavy soils, agitate surface, then rinse clean. Can also be applied with a power washer.

### WARNING

**KEEP OUT OF THE REACH OF CHILDREN  
HARMFUL IF INHALED. MAY CAUSE EYE AND SKIN IRRITATION  
MAY BE HARMFUL IF SWALLOWED  
MAY BE ABSORBED THROUGH INTACT SKIN**

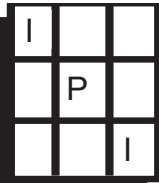
**Only for sale to, use and storage by Service Personnel.**

For best product efficiency keep stock rotated.  
Shelf life is 1 year.

Judgements as to the suitability of the information provided herein for the purchaser's purposes are necessarily the purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Iowa Prison Industries extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purposes or for the consequences of its use.



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**IOWA  
PRISON  
INDUSTRIES**

**MATERIAL SAFETY DATA SHEET**  
(Prepared According to 29 CFR 1910.1200)

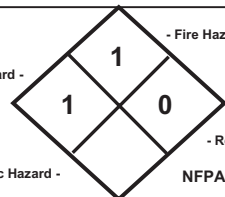
Date Prepared: 4/30/98  
Supersedes Date: 3/1/97

**HAZARD RATING**

4-EXTREME  
3-HIGH  
2-MODERATE  
1-SLIGHT  
0-INSIGNIFICANT

Health Hazard -

Specific Hazard -



- Fire Hazard

- Reactivity

NFPA CODE 704

**SECTION 1 - PRODUCT IDENTIFICATION**

Manufacturer Name IOWA PRISON INDUSTRIES	Emergency Telephone No. (515) 967-7651
Address 300 Elm St. SW, Mitchellville, Iowa 50169	
Trade Name- <b>RAF POWER</b>	Product Type-
Chemical Family- Na	Formula- Proprietary Blend

**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGHI GUIDELINES
Sodium Metasilicate	6834-92-0		NE	NE
2- Butoxyethanol	111-76-2		PEL-25 ppm (skin)	TLV-25 ppm (skin)
Tetrasodium EDTA	64-02-08		NE	NE
2- Aminoethanol Dodecylbenzenesulfonate	26836-07-7		NE	NE

**SECTION 3 - PHYSICAL DATA**

Boiling Point (°F) 212	Specific Gravity (H2O = 1.0) 1.01	pH- 11.8
Vapor Pressure- (mmHg) 18	Vapor Density ( Air = 1 ) 1	
Solubility in Water- <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or dispersible) <input type="checkbox"/> Slight (or partial)		
Evaporation Rate- (vsH2O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		
Appearance and Odor- Clear green liquid pleasantly scented.		

**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

Flash Point- (T.C.C.) <input checked="" type="checkbox"/> None to Boiling	Flammable Limits- Upper- Lower-
Extinguishing Media- Use foam, CO2 and dry chemical	
Special Fire Fighting Procedures- None required	
Unusual Fire and Explosion Hazards- None	Physical Hazards- None

**SECTION 5 - REACTIVE DATA**

Stability- Stable	Incompatibility- None
Hazardous Decomposition Products- Oxides of carbon and nitrogen may be formed under combustion.	

**SECTION 6 - HEALTH HAZARDS**

Primary Routes of Exposure- <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other-
Signs and Symptoms of Over-Exposure (Acute)- May cause eye and or skin irritation.
Signs and Symptoms of Over-Exposure (Chronic)- None known
Medical Conditions Aggravated by Over-Exposure- None known
Carcinogen or Suspect Carcinogen Ingredients- <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

**SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES**

Eyes: Flush eyes with plenty of water for at least 15 minutes, consult a physician.
Skin: Flush with plenty of water for at least 15 minutes
Ingestion: Do not induce vomiting. Call a physician or poison control center immediately.
Inhalation: Remove to fresh air. If breathing has stopped administer artificial respiration and contact physician.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection- None required	
Ventilation Requirements- <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other- Adequate vrnitilation	
Protective Gloves- None required	Eye Protection- Safety glasses
Other Protective Clothing- NA	

**SECTION 9 - SPILL OR LEAK PROCEDURES**

Steps to be Taken if Released or Spilled- Wipe or mop up any spills, then rinse with water.
Waste Disposal Methods- In accordance with local, state and federal regulations.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

Precautions to be Taken in Handling and Storage- Wash thoroughly after handling. Do not swallow. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by use or storage.
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