Material Safety Data Sheet



METAL FUSION POWDER PREMIX

Section 1. Chemical product and company identification

: METAL FUSION POWDER PREMIX Trade name **Product use** : Base for detergent formulations. : Ecolab Inc. Institutional Division Supplier

> 370 N. Wabasha Street St. Paul. MN 55102 1-800-352-5326

Code : 905189

Date of issue : 21-September-2005

> **EMERGENCY HEALTH INFORMATION: 1-800-328-0026** Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Composition, Information on Ingredients

CAS number % by weight triphosphoric acid, pentasodium salt 7758-29-4 60 silicic acid, sodium salt 1344-09-8 20 - 50

Section 3. Hazards identification

Physical state : Solid. (Powder.) **Emergency** : CAUTION! overview

MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

Avoid contact with skin and clothing. Avoid breathing dust. Keep container closed. Use only

with adequate ventilation. Wash thoroughly after handling.

Potential acute health effects

Eyes : Moderately irritating to the eyes. Skin : Moderately irritating to the skin.

Inhalation Moderately irritating to the respiratory system. : No known significant effects or critical hazards. Ingestion

See toxicological Information (section 11)

Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and

continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation

persists.

: Wash with soap and water. Get medical attention if irritation occurs. Wash clothing before Skin contact

reuse.

Inhalation : If inhaled, remove to fresh air.

: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by Ingestion

mouth to an unconscious person. If large quantities of this material are swallowed, call a

physician immediately.

Section 5. Fire fighting measures

: > 100°C Flash point

Fire fighting media and

instructions

: Use an extinguishing agent suitable for surrounding fires.

Dike area of fire to prevent product run-off.

No specific hazard.

for fire-fighters

Special protective equipment: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure

mode.

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Section 6. Accidental release measures

Personal precautions

: Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas.

Environmental precautions Methods for

cleaning up

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and

: If emergency personnel are unavailable vacuum or carefully scoop up spilled materials and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal.

Section 7. Handling and storage

Handling: Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate

ventilation. Avoid breathing dust. Wash thoroughly after handling.

Storage: Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, well-

ventilated area.

Store between -10 and 50°C

Section 8. Exposure Controls, Personal Protection

Engineering controls

: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal protection

Eyes: Eye protection recommended.

Hands : For prolonged or repeated handling, use Impervious gloves.Skin : No protective equipment is needed under normal use conditions.

Respiratory: Avoid breathing dust.

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

Physical state : Solid. (Powder.)

Color : White.
Odor : Odorless.
pH : 10.6 (1%)

Section 10. Stability and reactivity

Stability: The product is stable.

Reactivity: Slightly reactive to reactive with acids, moisture.

Section 11. Toxicological information

Potential acute health effects

Eyes : Moderately irritating to the eyes.

Skin : Moderately irritating to the skin.

Inhalation : Moderately irritating to the respiratory system.Ingestion : No known significant effects or critical hazards.

Potential chronic health effects

Section 12. Ecological information

Products of degradation

: These products are carbon oxides (CO, CO₂) and water, phosphates. Some metallic oxides.

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Section 13. Disposal considerations

Waste disposal

: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification	Not regulated.	-	-	-	-

APPLIES ONLY DURING ROAD TRANSPORT

Any variation of the shipping description based on the packaging is not addressed.

Section 15. Regulatory information

HCS Classification : Irritating material

U.S. Federal regulations: SARA 302/304/311/312 extremely hazardous substances: None.

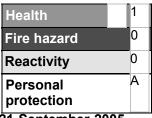
SARA 302/304 emergency planning and notification: None.

TSCA 8(b) inventory : All materials are listed or exempt.

California prop. 65 : No products were found.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



Date of issue : 21-September-2005.

Responsible name : Regulatory Affairs

Date of previous issue : No Previous Validation.

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.