

F35103 IDRANAL IV-sol 0,1M 1,00LPE

00000021988

Version 1.1

Revision Date 11/14/2017

Print Date 10/17/2019

SECTION 1. IDENTIFICATION

Product name : DCTA sodium salt

Number : 00000021988

Product Use Description : Laboratory chemicals

Manufacturer or supplier's details : Honeywell International Inc.
1953 South Harvey Street
Muskegon, MI 49442

For more information call : 1-800-368-0050
+1-231-726-3171

(Monday-Friday, 9:00am-5:00pm)

In case of emergency call : Medical: 1-800-498-5701 or +1-303-389-1414
: **Transportation (CHEMTREC): 1-800-424-9300 or**
: **+1-703-527-3887**
:
: (24 hours/day, 7 days/week)

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview**

Form : liquid

Color : colourless

Odor : odourless

Classification of the substance or mixture

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

Precautionary statements : **Prevention:**
Use personal protective equipment as required.

SAFETY DATA SHEET



F35103 IDRANAL IV-sol 0,1M 1,00LPE

00000021988

Version 1.1

Revision Date 11/14/2017

Print Date 10/17/2019

Hazards not otherwise classified : Repeated or prolonged exposure may irritate eyes, skin and respiratory system.

Carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture

Chemical name	CAS-No.	Concentration
Disodium dihydrogen N,N'-1,2-cyclohexanediylbis[N-(carboxylatemethyl)glycinate]	5786-78-7	>=3.50 - <=4.00 %
Water	7732-18-5	>=96.00 - <=96.50 %

SECTION 4. FIRST AID MEASURES

- General advice : First aider needs to protect himself. Move out of dangerous area. Take off all contaminated clothing immediately.
- Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration.
- Skin contact : Wash off with soap and plenty of water. If skin irritation persists, call a physician.
- Eye contact : Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
- Ingestion : Rinse mouth with water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Notes to physician

Indication of immediate : Treat symptomatically.

F35103 IDRANAL IV-sol 0,1M 1,00LPE

00000021988

Version 1.1

Revision Date 11/14/2017

Print Date 10/17/2019

medical attention and
special treatment needed, if
necessary

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
Foam
Carbon dioxide (CO₂)
Dry powder
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:
Sodium oxides
carbon oxides (CO, CO₂), nitrogen oxides (NO_x).
- Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid breathing vapours, mist or gas.
Avoid contact with skin, eyes and clothing.
Evacuate personnel to safe areas.
Wear personal protective equipment. Unprotected persons must be kept away.
Ensure adequate ventilation.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
Do not let product enter drains.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material.
Keep in suitable, closed containers for disposal.
Dispose of in accordance with local regulations.

SECTION 7. HANDLING AND STORAGE**Handling**

- Precautions for safe handling : Wear personal protective equipment.
Use only in well-ventilated areas.

F35103 IDRANAL IV-sol 0,1M 1,00LPE

00000021988

Version 1.1

Revision Date 11/14/2017

Print Date 10/17/2019

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Conditions for safe storage, including any incompatibilities : Store in original container.
Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective measures : Ensure that eyewash stations and safety showers are close to the workstation location.
Legal requirements are to be considered in regard of the selection, use and care of personal protective equipment.
Do not breathe vapours or spray mist.
Avoid contact with skin, eyes and clothing.

Engineering measures : Ensure adequate ventilation, especially in confined areas.

Eye protection : Safety glasses

Hand protection : Protective gloves
Gloves must be inspected prior to use.
Replace when worn.

Skin and body protection : Protective suit

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures : General industrial hygiene practice.

Exposure Guidelines

Contains no substances with occupational exposure limit values.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : liquid

Color : colourless

Odor : odourless

pH : 6.2 at , 20 °C

SAFETY DATA SHEET



F35103 IDRANAL IV-sol 0,1M 1,00LPE

00000021988

Version 1.1

Revision Date 11/14/2017

Print Date 10/17/2019

Melting point/range : Note: no data available

Boiling point/boiling range : Note: no data available

Flash point : Note: no data available

Evaporation rate : Note: no data available

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

Vapor pressure : Note: no data available

Density : Note: no data available

Water solubility : Note: no data available

Partition coefficient:
n-octanol/water : Note: no data available

Auto-ignition temperature : Note: no data available

Decomposition temperature : Note: no data available

Viscosity, kinematic : Note: no data available

Oxidizing properties : Note: no data available

Molecular weight : 390.30 g/mol

F35103 IDRANAL IV-sol 0,1M 1,00LPE

00000021988

Version 1.1

Revision Date 11/14/2017

Print Date 10/17/2019

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: no data available
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: Sodium oxides carbon oxides (CO, CO ₂) and nitrogen oxides (NO _x).

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: Note: no data available
Acute inhalation toxicity	: Note: no data available
Acute dermal toxicity	: Note: no data available
Skin irritation	: Note: no data available
Eye irritation	: Note: no data available
Sensitisation	: Note: no data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity effects**

Toxicity to fish	: Note: no data available
------------------	---------------------------

SAFETY DATA SHEET



F35103 IDRANAL IV-sol 0,1M 1,00LPE

00000021988

Version 1.1

Revision Date 11/14/2017

Print Date 10/17/2019

Toxicity to daphnia and other aquatic invertebrates : Note: no data available

Toxicity to algae : Note: no data available

Elimination information (persistence and degradability)

Bioaccumulation : Note: no data available

Mobility : Note: no data available

Biodegradability : Note: no data available

Further information on ecology

Additional ecological information : We have no quantitative data concerning the ecological effects of this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods : Observe all Federal, State, and Local Environmental regulations.

SECTION 14. TRANSPORT INFORMATION

DOT Not dangerous goods

TDG Not dangerous goods

IATA Not dangerous goods

IMDG Not dangerous goods

SECTION 15. REGULATORY INFORMATION

Inventories

US. Toxic Substances Control Act : On TSCA Inventory

Australia. Industrial : Not in compliance with the inventory

SAFETY DATA SHEET



F35103 IDRANAL IV-sol 0,1M 1,00LPE

000000021988

Version 1.1

Revision Date 11/14/2017

Print Date 10/17/2019

Chemical (Notification and Assessment) Act

Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL) : All components of this product are on the Canadian DSL

Japan. Kashin-Hou Law List : Not in compliance with the inventory

Korea. Existing Chemicals Inventory (KECI) : Not in compliance with the inventory

Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act : Not in compliance with the inventory

China. Inventory of Existing Chemical Substances : Not in compliance with the inventory

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand : On the inventory, or in compliance with the inventory

National regulatory information

SARA 302 Components : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards : No SARA Hazards

California Prop. 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

F35103 IDRANAL IV-sol 0,1M 1,00LPE

00000021988

Version 1.1

Revision Date 11/14/2017

Print Date 10/17/2019

New Jersey RTK	: Water	7732-18-5
	: Disodium dihydrogen N,N'-1,2-cyclohexanediylbis[N-(car boxylatemethyl)glycinate]	5786-78-7
Pennsylvania RTK	: Disodium dihydrogen	5786-78-7
	: N,N'-1,2-cyclohexanediylbis[N-(car boxylatemethyl)glycinate]	
	: Water	7732-18-5

SECTION 16. OTHER INFORMATION

	HMIS III	NFPA
Health hazard	: 1	1
Flammability	: 0	0
Physical Hazard	: 0	
Instability	:	0

Hazard rating and rating systems (e.g. HMIS® III, NFPA): This information is intended solely for the use of individuals trained in the particular system.

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Prepared by Honeywell Performance Materials and Technologies Product Stewardship Group