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**400 W. 7th Street, Suite 112**  
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**SECTION 1: CHEMICAL CHARACTERIZATION**

**Product Name:** Sodium di Acetate

**Chemical Formula:** CH<sub>3</sub>COONa.CH<sub>3</sub>COOH

**CAS No. & Name:** Acetic Acid, Sodium Salt (2:1) (126-96-5)

**Molecular Weight:** 142,09

**Einecs NR:** 2048149

**Form:** Crystals/powder 1.3 **Colour:** white **Odour:** slight acetic

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**SECTION 2: PHYSICA DATA AND SAFETY DATA**

**Change in physical state:**

<b>Density:</b>	( 20°C )	1,41 g/cm <sup>3</sup>
<b>Bulk density:</b>		750 kg/m <sup>3</sup>
<b>Vapour pressure:</b>	( C° )	mbar
	( C° )	mbar
<b>Viscosity:</b>	( C° )	
<b>Solubility in water:</b>	( 20°C )	104 g/100 ml
<b>in:</b>	( 60°C )	158 g/100 ml
<b>pH value ( at 100 g/l H<sub>2</sub>O ):</b>	( 20°C )	4,5 - 5,0

**Flash point OC:** >250°C

**Ignition temperature:** °C

**Explosion limits:** Lower: Upper:

**Thermal decomposition:** Decomposes above 150°C

**Hazardous decomposition products:** Burning will produce carbon dioxide and/or carbon monoxide and may generate fumes containing Acetic Acid.

**Hazardous reactions:** None

**Further information:**

**Incompatibility: ( materials to avoid )**

Oxidising agents, Acids and Alkalis

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**SECTION 3: REGULATIONS**

**TLV -TWA -** Not assigned for Sodium Diacetate

**TLV - STEL -** Not assigned for Sodium Diacetate

**Labelling ( ECC ): X Xi**

**R41 -** Risk of serious damage to eyes

**S25 -** Avoid contact with eyes

**S26 -** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

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**SECTION 4: PROTECTIVE MEASURES, STORAGE AND HANDLING**

**Technical protective measures:**

Self-contained breathing apparatus should be worn where there is a risk of exposure to high dust concentrations.

Provide eyewash facilities.

**Personal workwear:**

Normal

**Respiratory protection:**

Local ventilation

**Eye protection:**

Goggles or face shield

**Hand protection:**

PVC / rubber gloves

**Industrial hygiene:**

Store in a cool dry place. Keep containers well closed.

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**Protection against fire and explosion:**

None

**Disposal:**

Shovel up material and place into containers for later disposal.

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**SECTION 5: MEASURES IN CASE OF ACCIDENTS AND FIRES**

**After spillage / leakage / gas leakage:**

Neutralise with Sodium carbonate or bicarbonate. Wash area with large quantities of water.

**Extinguishing media:**

**Suitable:**

Water, foam, dry chemical, carbon dioxide

**First aid:**

**Skin:** Wash with water. Obtain medical attention if irritation persists.

**Eyes:** Flush with large amounts of water. Obtain medical attention urgently.

**Ingestion:** Wash out mouth with water. Obtain medical attention. Do NOT induce vomiting due to the risk of aspiration.

**Further information:**

**Risk Phrases:**

Risk of serious damage to eyes.

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**SECTION 6: INFORMATION ON TOXICITY**

LD 50 orally in rats 4960 mg / kg ( WHO 1974 )

Acceptable daily intake 0 - 15 mg / kg bw ( WHO 1974 )

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**SECTION 7: INFORMATION ON ECOLOGICAL EFFECTS**

Rapidly biodegradable when diluted with sufficient water.

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**SECTION 8: FURTHER INFORMATION**

DATA furnished relates only to specific material - not in combination with other materials or in any process. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, express or implied, on our part.

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