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## Substance Identification Profile – Sodium dithionite

CAS No.	EC No.	Chemical name and Synonyms	Chemical formula	Molecular weight [g/mol]
7775-14-6	231-890-0	Sodium dithionite; Sodium hydrosulfite; Sodium hyposulfite; Sodium sulfoxilate; Disodium hydrosulfite; Dithionous acid, disodium salt (8Cl, 9Cl)	Na <sub>2</sub> S <sub>2</sub> O <sub>4</sub>	174.11

Classification	Labelling
Self-heat. 1; H251 Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319	Dgr GHS02 GHS07  H251 Self-heating; may catch fire H302 Harmful if swallowed H315 Causes skin irritation H319 Causes serious eye irritation EUH031 Contact with acids liberates toxic gas

Typical composition	
Component	in % (mass)
Na <sub>2</sub> S <sub>2</sub> O <sub>4</sub>	> 80 - ≤ 100
Na <sub>2</sub> SO <sub>3</sub>	< 6
Na <sub>2</sub> SO <sub>4</sub>	< 14
Na <sub>2</sub> CO <sub>3</sub>	< 5
Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub>	< 10
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	< 6
sum of other impurities*	< 3.5

\* Note: according to ECHA guidance for identification and naming of substances under REACH and CLP, December 2023, v.3.0 (<https://echa.europa.eu/>): "Impurities present in a concentration > 1% shall be specified by name and identifiers. Impurities that are relevant for the classification and/or PBT assessment shall always be specified by the same identifiers, independently from their concentration."

Tonnage band	Information requirement	Registration deadline
>1000 t/a	Annex VII-X	Dec. 2010

### Statement:

The substance does **NOT** contain any other impurities that will trigger more severe classification than the classification as derived for the pure substance. We herewith declare and attest that the substance specifications of the substance we intend to register are in line with the above mentioned substance specifications given by SDIOC.

Company:	Name:

Date:

Signature: