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Substance **I**dentification **P**rofile – Sodium hydrogensulfite

CAS No.	EC No.	Chemical name	Chemical formula	Molecular weight [g/mol]
7631-90-5	231-548-0	Sodium bisulfite; Sodium hydrogensulfite; Sodium acid sulfite; Sulfurous acid, sodium salt	$NaHSO_3$	104.06

Classification	Labelling
Acute Tox. 4; H302	GHS07 Wng H302 Harmful if swallowed EUH031 Contact with acids liberates toxic gas

Sodium hydrogensulfite ($NaHSO_3$) is only stable in aqueous solutions up to an approximate upper limit of 43-45% (w/w). Higher concentrations of hydrogensulfite, achieved by e.g. removal of water lead to a condensation reaction which finally forms another substance, namely disodium disulfite ($Na_2S_2O_5$). This substance is registered under REACH separately.

Typical composition	
Component	**in % (mass)**
$NaHSO_3$, aq. solution	**> 19 - ≤ 43**
Na_2SO_3	**≤** 5
Na_2SO_4	**≤** 7
$Na_2S_2O_3$	< 1
sum of other impurities*	< 2

* 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:**