

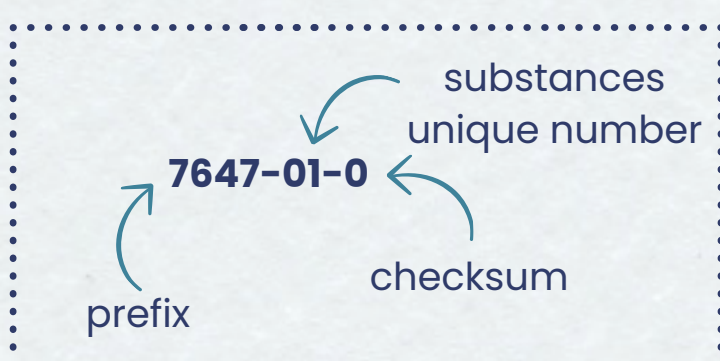
CAS NUMBER UNDER A MICROSCOPE



WHAT'S THAT?

The **CAS** number is assigned by the **C**hemical **A**bstracts **S**ervice and is a numerical designation of chemical substances. It is a form of unique index/code allows for quick and unambiguous identification of the selected compound.

CONTENTS OF CAS NUMBER



The CAS number consists of three sequences of digits divided by divisions:

- the **first** (prefix) - counts between 2 and 7 digits, sometimes classifies similar groups of compounds;
- the **second** - a characteristic two-digit value;
- the **third** - a single-digit checksum calculated by determining modulo from a specific action.



SALIENT FEATURES

- The CAS number is fixed for each substance
- With few exceptions, almost every known chemical compound has CAS.

CAS VS SDS

There is a need to list the CAS number for each compound in the SDS.



REPOSITORY OF KNOWLEDGE

The CAS system also provides basic information on **structure** and physical and chemical **properties**.

OTHER CLASSIFICATION SYSTEMS

e.g. UN, FEMA, EINECS, HMIS/NFPA, GHS/CLP, SMILES

