THERMIC SP

Heat Treatment

DESCRIPTION

THERMIC SP is a water soluble, synthetic liquid, used diluted in water for surface hardening operations giving an efficient protection against the corrosion of the treated parts as well as machine parts.

THERMIC SP can be used for tempering stop, in case a middle term protection against corrosion is required, without using a product for temporary protection.

APPLICATIONS

THERMIC SP is a product designed for superficial heat treatment operations (induction or conduction heating). The cooling power is slightly adjustable according to the concentration of use. Increasing the concentration reinforces its anti-corrosion properties.

THERMIC SP is a product specially developed for protection against the corrosion of treated parts by superficial quenching.

THERMIC SP provides corrosion protection of machine parts (copper inductors, aluminum inductor supports and steel machine parts).

THERMIC SP is generally used at a concentration of 5%, which generates low-cost usage.

ADVANTAGES

- Stable product in use.
- Used in different water hardness (RO water) without foaming phenomenon.
- Leaves no deposit on the parts.
- Economic product due to the low concentration in use.
- Easy filtration of baths.
- Provides short-term protection of the treated parts.
- Easy cleaning of quenched parts.

TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	THERMIC SP
Density	-		1,020.0 1,020
pH	-	NFT 60 193	9.7 (Diluted at 5%)
Refractometer Factor	-		3.3

These characteristics are given only for information and can be updated over time.

HEALTH AND SAFETY

- Formaldehyde free
- Good protection against corrosion (machine parts and quenched parts)

MOTUL | www.motultech.com
Revision Date: 01/2025

The environmental, health and safety requirements are mentioned on the safety data sheet that is available at www.quickfds.fr

■ Very good resistance to microorganisms (bacteria and fungi)

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.

Important Notice
Information disclosed in this technical data sheet is based on MOTUL's experience and know-how in the development and manufacture of lubricants and other chemical products according to the current state of knowledge.

Any chemical product must be used in the intended application and in accordance with the recommendations provided in its safety data sheet freely consultable via the site https://www.quickfds.com/fr/. The performance of our products may be influenced by a series of factors, including conditions of use, application methods, operational environment, pretreatment of components, possible external contamination, etc ... For these reasons, universal recommendation of our products is impossible. The information in the technical data sheet represents general, non-binding guidelines and is given for guidance only. No express or implied warranty is given regarding the properties of the product or its suitability for a given application.

Therefore, we recommend consulting an application engineer to discuss application conditions and product performance criteria before use. It is the user's responsibility to test the functional suitability of the product and to use it under appropriate safety conditions. Our products are subject to continuous improvement with the aim of improving performance or bringing them into compliance with any new and possible regulations concerning them. We reserve the right to change our product lines, our products and their manufacturing processes and any provisions of our publications at any time without notice. This technical sheet cancels and replaces all previous editions.

We expressly draw the attention of any user to the fact that our product has not been designed and tested for use in the field of aeronautics as an "onboard" product or in the field of nuclear power production. Any use that may be made of the product in one of the aforementioned sectors will be under the exclusive responsibility of the user. Any reproduction, whatever its form, requires the prior written consent of MOTUL. All rights reserved.

MOTUL | www.motultech.com
Revision Date: 01/2025

The environmental, health and safety requirements are mentioned
on the safety data sheet that is available at www.quickfds.fr