

Translated English of Chinese Standard: GB/T36381-2018

www.ChineseStandard.net → Buy True-PDF → Auto-delivery.

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 13.030.01

Z 04

GB/T 36381-2018

Classification of Liquid Chemical Waste

废弃液体化学品分类规范

Issued on: June 7, 2018

Implemented on: January 1, 2019

Issued by: State Administration for Market Regulation;

**Standardization Administration of the People's Republic of
China.**

Table of Contents

Foreword.....	3
1 Scope.....	4
2 Normative References	4
3 Terms and Definitions	4
4 Classification Method	5
5 Classification and Code	5
6 Requirements.....	8
Appendix A (Informative) The Source of Liquid Chemical Waste	9

Foreword

This Standard was drafted in accordance with the rules in GB/T 1.1-2009.

This Standard was proposed by China Petroleum and Chemical Industry Association.

This Standard shall be under the jurisdiction of National Technical Committee 294 on Disposal of Waste Chemicals of Standardization Administration of China (SAC/TC 294).

The drafting organizations of this Standard: Sichuan Zhongming Environmental Governance Co., Ltd., Guangdong BRUNP Recycling Technology Co., Ltd., Guangzhou Environmental Protection Technology and Equipment Co., Ltd., Shishi Baoheng Advanced Material Technology Co., Ltd., Hunan BRUNP Recycling Technology Co., Ltd., Shenzhen Chang Long Technology Co., Ltd., Xiamen Lan Shui Ling Environmental Protection Technology Co., Ltd., Jiangxi Nuclear Industry Xingzhong New Material Co., Ltd., Zhejiang Shui Zhi Yin Detection Limited Company, CNOOC CenerTech Tianjin Chemical Research and Design Institute Co., Ltd.

The main drafters of this Standard: He Zhongming, Yu Haijun, Liang Zhanxing, Chen Jiabin, Dingling, Chen Yanfang, Xie Yinghao, Tang Senjin, Li Changdong, Li Hemin, Wanghui, Ruan Zhongqiang, Gong Chuangzhou, An Xiaoying.

Classification of Liquid Chemical Waste

1 Scope

This Standard specifies the terms, definitions, classification method, classification, code and requirements of liquid chemical waste.

This Standard is applicable to producers and professional disposal institutes of liquid chemical waste in the classification and resource recycling of liquid chemical waste.

This Standard is not applicable to liquid chemical waste generated in laboratories, medical treatment and pharmaceuticals, and radioactive liquid chemical waste.

2 Normative References

The following documents are indispensable to the application of this Standard. In terms of references with a specified date, only versions with a specified date are applicable to this Standard. The latest version (including all the modifications) of references without a specified date is applicable to this Standard.

GB 190 Packing Symbol of Dangerous Goods

GB/T 7027 Basic Principles and Methods for Information Classifying and Coding

GB/T 10113 Definition of Common Terms Used in Classification and Coding

GB 13690 General Rule for Classification and Hazard Communication of Chemicals

GB/T 29329 Terminology of Chemical Waste

3 Terms and Definitions

The following terms and definitions, and what is defined in GB/T 7027, GB/T 10113, GB 13690 and GB/T 29329 are applicable to this document.

3.1 Liquid Chemical Waste

Liquid chemical waste refers to discarded, disused, unqualified and expired liquid chemical waste.

Wastes	this Table
Metal-containing Liquid Inorganic Chemical Waste	
Calcium-containing Liquid Waste	Liquid waste that is generated in barium salt production with strontium ore
Chromium-containing Liquid Waste	Chromium-containing liquid waste that is generated in the production process of chromium compounds with the raw material of chromite as a result of material and waste slag loss, and valve leakage; chromium-containing liquid waste that is generated in chrome tanning and re-tanning in leather processing; chromium-containing liquid waste that is generated in galvanized passivation and chroming in electroplating production
Mercury-containing Liquid Waste	Liquid waste that is generated after adopting developing agent and mercury compound for image intensification (physical precipitation); after adopting developing agent and ammonia chloride for image intensification (oxidization); liquid waste that is generated in the production process of calcium carbide acetylene polyvinyl chloride
Cobalt-containing Liquid Waste	Electroplating wastes, such as cobalt plating waste water and cobalt-containing bath solution
Lithium-containing Liquid Waste	Lithium production and battery recycling
Nickel-containing Liquid Waste	Electroplating industry, mining, metallurgy, machine manufacturing, battery manufacturing, chemistry, meter, petrochemical and textile industry, as well as steel plant, iron foundry, automobile and aircraft manufacturing industry, printing, ink, ceramics and glass industry, etc.
Lead-containing Liquid Waste	Liquid waste that is generated by electroplated lead-tin alloy in circuit board production
Copper-containing Liquid Waste	Liquid waste that is generated in printed circuit board production and copper plate etching
Tin-containing Liquid Waste	Electroplating waste that is generated by solder stripping waste and electroplated tin in printed circuit board production
Zinc-containing Liquid Waste	Flux waste and fluxing agent that are generated in hot galvanizing process; zinc paste waste that is generated in the production process of alkaline zinc-manganese battery, zinc oxide silver battery and zinc air battery, etc.
Silver-containing Liquid Waste	Liquid waste and plating solution in photosensitive material processing industry
Manganese-containing Liquid Waste	Liquid waste that is generated in manganese compound production industry
Cadmium-containing Liquid Waste	Metal mining pit drainage, waste stone field immersion, tailings drainage and smelting, electrolytic plating, etc.

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----